Standard
B&P
No S 2552
BOORUM & PEASE
PRODUCT
MADE IN U.S.A.

Uma inornata

Uma inornata

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	b	b^2	4.18a	Vol.(mm^3)	Right Testis a	b	b^2	4.18a	Vol(mm^3)
7	8/26/58	100	1.5	1.0	1.00	6.27	6.27	2.1	1.1	1.21	8.78	10.62
11	9/19/58	91	.7	.5	.25	2.93	.73	1.2	.6	.36	5.02	1.81
17	"	90	1.2	.5	.25	5.02	1.25	1.5	.5	.25	6.27	1.57
18	"	86	1.4	1.0	1.00	5.85	5.85	2.0	.6	.36	8.36	3.01
19	10/24/58	87	1.5	.7	.49	6.27	3.07	1.4	.7	.49	5.85	2.87
20	"	120	2.5	1.2	1.44	10.45	15.05	3.1	1.1	1.21	12.96	15.68
21	"	94	2.0	1.0	1.00	8.36	8.36	2.2	1.1	1.21	9.20	11.13
22	"	116	3.0	1.6	2.56	12.54	32.10	3.4	1.5	2.25	14.21	31.97
23	"	101	2.4	1.5	2.25	10.03	22.57	2.6	1.4	1.96	10.87	21.30
24	"	106	2.4	1.2	1.44	10.03	14.44	2.5	1.2	1.44	10.45	15.05
31	1/20/59	84	1.7	.9	.81	7.11	5.76	1.5	.8	.64	6.27	4.01
32	1/25/59	49	.5	.4	.16	2.09	.33	.5	.4	.16	2.09	.33
33	2/20/59	118	2.7	1.7	2.89	11.29	32.63	3.0	1.7	2.89	12.54	36.24
34	3/6/59	120	3.1	2.5	6.25	12.96	81.00	3.1	2.2	4.84	12.96	62.73
40	"	53	.7	.5	.25	2.93	.73	.7	.5	.25	2.93	.73
41	"	54	.7	.5	.25	2.93	.73	.7	.5	.25	2.93	.73

Species

Tag No.	Date of Capture	S-V length (mm)	Left Testis				Right Testis			
			a	b	b^2	4.18a	a	b	b^2	4.18a

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	b	b^2	4.18a	Vol.(mm^3)	Right Testis a	b	b^2	4.18a	Vol(mm^3)
42	4/29/59	107	2.8	2.2	4.84	11.70	56.63	3.2	2.5	6.25	13.38	83.67
44	"	108	3.0	2.5	6.25	12.54	78.37	3.2	2.5	6.25	13.38	83.62
45	Spring 1958	93	3.2	3.0	9.00	13.38	120.42	3.9	3.0	9.00	16.30	146.70
46	4/29/59	107	2.2	1.5	2.25	9.20	20.70	2.2	1.5	2.25	9.20	20.70
47	"	93	1.5	1.1	1.21	6.27	7.59	1.7	1.0	1.00	7.11	7.11
53	"	110	3.0	2.5	6.25	12.54	78.37	3.0	2.5	6.25	12.54	78.37
54	4/30/59	112	3.0	2.5	6.25	12.54	78.37	3.1	2.5	6.25	12.96	81.00
57	"	108	1.5	1.0	1.00	6.27	6.27	1.5	1.0	1.00	6.27	6.27
58	4/29/59	69	1.0	.5	.25	4.18	1.04	1.5	.6	.36	6.27	2.26
59	4/30/59	62	.8	.5	.25	3.34	.83	.8	.5	.25	3.34	.83
60	5/29/59	57	.6	.4	.16	2.51	.40	.7	.4	.16	2.93	.47
61	"	108	4.0	3.3	10.89	16.72	182.08	3.8	3.0	9.00	15.88	142.92
62	"	105	3.5	2.6	6.76	14.63	98.90	3.7	2.8	7.84	15.47	121.28
63	"	107	3.7	2.8	7.84	15.47	121.28	3.8	2.9	8.41	15.88	133.55
64	"	108	3.7	2.9	8.41	15.47	130.10	4.0	3.0	9.00	16.72	150.48
65	"	104	2.1	1.1	1.21	8.78	10.62	2.2	1.1	1.21	9.20	11.13

Species

Tag No.	Date of Capture	S-V length (mm)	Left Testis				Right Testis			
			a	b	b^2	4.18a	a	b	b^2	4.18a

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
66	5/29/59	109	3.7	3.7	13.69	15.47	211.78	3.9	3.3	10.89	16.30	177.51
76	"	66	.8	.5	.25	3.34	.83	.9	.5	.25	3.76	.94
77	"	49	.5	.3	.09	2.09	.18	.5	.3	.09	2.09	.19
78	"	56	.6	.4	.16	2.51	.40	.8	.4	.16	3.34	.53
93	"	62	.8	.6	.36	3.34	1.20	.9	.6	.36	3.76	1.35
96	6/12/59	105	3.8	3.1	9.61	15.88	152.61	3.9	3.1	9.61	16.30	156.64
97	"	102	1.6	.7	.49	6.69	3.28	1.3	.7	.49	5.43	2.66
98	"	97	1.6	.9	.81	6.69	5.42	1.9	.8	.64	7.94	5.08
99	"	56	.5	.4	.16	2.09	.33	.6	.4	.16	2.51	.40
100	"	54	.6	.4	.16	2.51	.40	.7	.5	.25	2.93	.73
101	"	59	.7	.4	.16	2.93	.47	.8	.3	.09	3.34	.30
102	"	57	.7	.4	.16	2.93	.47	.8	.4	.16	3.34	.53
103	6/23/59	53	.4	.4	.16	1.67	.27	.4	.4	.16	1.67	.27
104	7/20/59	67	.7	.4	.16	2.93	.47	.8	.4	.16	3.34	.53
107	"	63	.7	.4	.16	2.93	.47	.7	.4	.16	2.93	.47
113	"	62	.7	.5	.25	2.93	.73	1.0	.5	.25	4.18	1.04

Digitized by the Internet Archive
in 2017 with funding from
CLIR

https://archive.org/details/reptiletestesrep00mayh_0

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
114	7/29/57	59	.6	.4	.16	2.51	.40	.6	.4	.16	2.51	.40
117	"	101	1.4	.9	.81	5.85	4.74	1.7	.8	.64	7.11	4.55
120	"	109	3.0	2.2	4.84	12.54	60.69	3.4	2.0	4.00	14.21	56.84
121	"	105	2.4	1.1	1.21	10.03	12.14	2.7	1.2	1.44	11.29	16.26
124	8/16/57	55	.7	.4	.16	2.93	.47	.6	.4	.16	2.51	.40
125	"	103	2.4	1.6	2.56	10.03	25.68	2.8	1.7	2.89	11.70	33.31
126	"	60	.6	.4	.16	2.51	.70	.6	.3	.09	2.51	.23
130	8/31/57	100	1.7	.6	.36	7.11	2.56	1.6	.7	.49	6.69	3.28
132	"	66	.7	.4	.16	2.93	.49	.8	.4	.16	3.34	.53
134	"	69	.7	.4	.16	2.93	.47	.8	.4	.16	3.34	.53
137	"	56	.6	.3	.09	2.51	.22	.7	.4	.16	2.93	.47
138	"	61	.6	.4	.16	2.51	.40	.7	.4	.16	2.93	.47
140	"	103	1.4	.8	.49	5.85	2.87	1.6	.8	.64	6.69	4.28
142	"	71	1.7	.9	.81	7.11	5.76	1.9	.9	.81	7.94	6.43
143	"	101	1.7	.8	.64	7.11	4.55	2.2	1.0	1.00	9.20	9.20
144	"	65	.8	.4	.16	3.34	.53	.8	.3	.09	2.93	.26

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
148	8/31/59	75	1.0	.4	.16	4.18	.67	1.1	.4	.16	4.60	.73
149	"	102	1.5	1.1	1.21	6.27	7.59	1.4	.7	.81	5.85	4.74
151	"	107	1.9	1.0	1.00	7.94	7.94	1.7	1.0	1.00	7.11	7.11
152	"	61	.6	.4	.16	2.51	.40	.7	.4	.16	2.93	.47
153	"	114	1.8	1.0	1.00	7.52	7.52	2.1	1.1	1.21	8.78	10.62
155	9/7/59	84	1.0	.5	.25	4.18	1.04	1.3	.5	.25	5.43	1.36
156	9/9/59	68	.7	.5	.25	2.93	.73	1.0	.4	.16	4.18	.67
157	"	102	2.1	1.2	1.44	8.78	12.64	2.6	1.1	1.21	10.87	13.15
159	"	78	1.0	.5	.25	4.18	1.04	1.1	.4	.16	4.60	.74
160	"	103	1.9	.9	.81	7.94	6.43	2.2	1.0	1.00	9.20	9.20
161	"	94	1.5	.8	.64	6.27	4.01	1.6	.7	.49	6.69	3.35
163	10/2/59	55	.5	.4	.16	2.09	.33	.6	.4	.16	2.51	.40
165	"	86	1.4	.9	.81	5.85	4.74	1.6	.9	.81	6.69	5.42
167	11/2/59	78	1.3	.9	.81	5.43	4.40	1.6	.8	.64	6.69	4.28
168	5/10/60	77	1.3	1.3	1.69	5.43	9.18	1.5	1.1	1.21	6.27	7.53
169	"	87	2.4	2.2	4.84	10.03	48.54	2.7	1.9	3.61	11.29	40.76

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
170	3/10/60	100	2.4	1.7	2.89	10.87	31.41	3.0	1.6	2.56	12.54	32.10
177	"	76	1.3	1.0	1.00	5.43	5.43	1.5	.9	.81	6.27	5.08
175	"	105	2.9	2.2	4.84	12.12	58.66	3.0	2.0	4.00	12.54	50.16
176	"	64	.9	.6	.36	3.76	1.35	.9	.5	.25	3.76	.94
177	"	97	2.2	1.6	2.56	9.20	23.55	2.6	1.2	1.44	10.87	15.65
181	3/28/60	95	3.5	3.1	9.61	14.63	140.59	4.0	3.1	9.61	16.72	160.68
182	4/14/60	56	.8	.5	.25	3.34	.85	.9	.5	.25	3.76	.94
183	"	116	3.6	3.6	12.96	15.05	195.05	4.1	3.4	11.56	17.14	198.14
184	"	80	3.0	2.5	6.25	12.54	78.37	3.8	2.5	6.25	11.70	78.37
185	"	78	3.0	2.6	6.76	12.54	84.77	3.0	2.5	6.25	12.54	78.37
188	4/14/60	78	2.9	2.8	7.84	12.12	95.02	3.0	2.3	5.29	12.54	66.34
192	4/20/60	84	3.1	2.3	5.29	12.96	68.56	3.2	2.2	4.84	13.38	64.76
193	"	83	3.8	2.6	6.76	11.70	79.09	3.8	2.5	6.25	11.70	73.12
195	"	109	4.0	3.8	14.44	16.72	241.44	4.6	3.4	11.56	19.23	222.30
196	"	111	5.3	4.3	18.49	22.15	409.55	5.8	4.0	16.00	24.24	387.84
198	5/9/60	102	3.8	3.7	11.56	15.88	183.57	4.0	2.8	7.84	16.72	131.08

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
199	5/14/60	92	3.4	3.1	1.61	14.21	136.56	3.7	2.5	1.25	15.47	96.69
200	"	108	4.6	3.6	13.96	19.23	249.22	4.9	3.5	12.25	20.48	250.88
202	5/26/60	94	3.3	3.3	10.89	13.79	150.17	3.7	3.1	9.61	15.47	148.67
203	"	94	3.9	3.1	9.61	16.30	156.64	4.1	3.1	9.61	17.14	164.71
204	"	110	4.6	3.7	13.69	19.23	263.26	4.9	3.6	12.96	20.48	265.42
208	"	105	3.7	3.2	10.24	15.47	158.41	4.3	3.4	11.56	17.47	207.73
209	"	92	3.4	3.0	9.00	14.21	127.89	3.6	2.6	6.76	15.05	101.74
211	"	109	4.5	3.7	13.69	18.81	257.51	4.6	3.5	12.25	19.23	235.57
212	"	92	3.5	3.1	9.61	14.63	140.59	3.8	3.0	9.00	15.88	142.92
215	6/12/60	92	3.4	3.0	9.00	14.21	127.89	3.2	2.6	6.76	13.38	90.45
216	"	106	3.6	3.4	11.56	15.05	173.98	3.9	3.3	10.89	16.30	177.51
217	"	75	1.1	.7	.49	4.60	2.25	1.0	.6	.36	4.18	1.50
218	"	81	1.1	.7	.49	4.60	2.25	1.1	.6	.36	4.60	1.66
219	"	90	1.3	1.3	1.69	5.43	9.18	2.1	1.6	2.56	8.78	24.48
222	"	80	1.3	.7	.49	5.43	2.64	1.5	.6	.36	6.27	2.26
223	"	114	3.7	3.5	7.84	15.47	121.28	4.0	2.5	6.25	16.72	104.50

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
224	6/12/60	102	2.8	2.1	4.41 ~~3.75~~	11.70	51.60	2.5	2.0	4.00	11.70 ~~7.51~~	46.80
225	"	93	1.3	1.0	1.00	5.43	5.43	1.6	.7	.49	6.69	3.28
227	7/23/60	84	1.2	.7	.49	5.02	2.46	1.6	.7	.49	6.69	3.28
228	"	101	2.4	1.6	2.56	16.03	25.68	2.2	1.3	1.69	9.20	15.55
232	"	72	1.1	1.0	1.00	4.60	4.60	1.2	.5	.64	5.02	3.21
233	"	85	1.3	.7	.49	5.43	2.66	1.6	.7	.49	6.69	3.28
236	8/11/60	97	1.9	1.0	1.00	7.94	7.94	2.2	.8	.64	9.20	5.89
237	"	111	1.9	1.0	1.00	7.94	7.94	2.3	1.0	1.00	9.61	9.61
239	"	90	1.4	.8	.64	5.85	3.74	1.6	.7	.49	6.69	3.28
240	"	80	.9	.6	.36	3.76	1.35	1.1	.5	.25	4.60	1.15
241	8/10/60	119	3.4	3.8	7.84	14.21	111.41	4.1	2.5	6.25	17.14	107.12
247	"	115	3.0	1.9	3.61	12.54	45.27	2.7	2.1	4.41	11.29	49.74
248	"	113	2.3	1.3	1.69	9.61	16.29	2.3	1.0	1.00	9.61	9.61
249	"	94	1.6	.9	.81	6.69	5.42	1.8	.8	.64	7.52	4.81
263	8/11/60	105	2.0	1.0	1.00	8.36	8.36	2.2	1.0	1.00	9.20	9.20
264	"	96	1.3	.6	.36	5.43	1.95	1.3	.6	.36	5.43	1.95

Species _____

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
266	8/15/60	115	1.9	1.0	1.00	7.94	7.94	2.2	1.0	1.00	9.20	9.20
267	"	116	2.2	1.3	1.69	9.20	15.55	2.6	1.1	1.21	10.87	13.15
268	"	113	1.3	.9	.81	5.43	4.40	1.7	.9	.81	7.11	5.76
269	8/10/60	80	.9	.5	.25	3.76	.94	1.1	.4	.16	4.60	.74
270	9/10/60	94	2.0	.9	.81	8.36	6.77	2.2	.8	.64	9.20	5.89
271	"	100	1.7	1.0	1.00	7.11	7.11	1.8	.8	.64	7.52	4.51
275	"	111	2.1	1.1	1.21	8.78	10.62	2.3	1.1	1.21	9.61	11.63
283	"	93	1.3	.4	.16	5.43	.87	1.3	.4	.16	5.43	.87
285	"	99	1.7	1.1	1.21	7.11	8.60	2.3	.8	.64	9.61	6.15
286	"	114	2.4	1.1	1.21	10.03	12.14	2.8	1.0	1.00	11.70	11.70
288	"	80	1.1	.7	.49	4.60	2.25	1.4	.5	.25	5.85	1.46
296	10/7/60	110	2.3	1.6	2.56	9.61	24.60	2.5	1.3	1.69	10.45	17.66
297	8/15/60	113	3.0	2.2	4.84	12.54	60.69	3.1	2.2	4.84	12.96	62.73
299	2/5/61	113	3.4	2.2	4.84	14.21	68.78	3.4	2.2	4.84	14.21	68.78
300	3/10/61	117	2.5	1.7	2.89	10.45	30.20	2.5	1.6	2.56	10.45	26.75
302	"	103	2.6	1.7	2.89	10.87	31.41	3.0	1.6	2.56	12.54	32.10

Species _____

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
304	3/16/61	113	3.1	1.8	3.24	12.96	41.99	2.9	1.9	3.61	12.12	43.75
305	"	122	3.0	1.9	3.61	12.54	45.27	3.1	1.9	3.61	12.96	46.78
306	"	116	2.5	1.4	3.61	10.45	37.72	2.7	1.7	2.89	11.29	32.65
307	"	115	2.8	2.0	4.00	11.70	46.80	3.1	2.0	4.00	12.96	51.84
308	"	103	2.2	1.6	2.56	9.20	23.55	2.2	1.6	2.56	9.20	23.55
310	"	108	3.3	2.2	4.84	13.79	66.74	3.6	2.2	4.84	15.05	72.84
312	3/25/61	103	2.6	1.8	3.24	10.87	35.22	3.1	1.8	3.24	12.96	41.99
313	4/9/61	115	3.9	3.2	10.24	16.30	166.91	4.5	2.8	7.84	18.81	147.77
314	"	104	3.0	1.8	3.24	12.54	40.63	3.8	2.0	4.00	11.70	46.80
315	"	108	3.4	2.9	8.41	14.21	119.51	3.4	2.5	6.25	14.21	88.81
316	"	105	4.0	3.1	9.61	16.72	160.68	4.0	3.3	7.84	16.72	131.08
317	"	116	3.1	2.6	6.76	12.96	87.61	2.9	2.3	5.29	12.12	64.11
319	"	98	3.2	2.5	6.25	13.38	83.62	3.0	2.2	4.84	12.54	60.09
320	"	115	3.9	2.9	8.41	16.30	137.08	4.3	2.5	6.25	17.97	112.31
321	"	94	2.5	2.0	4.00	10.45	41.80	2.6	1.8	3.24	10.87	35.22
303	"	106	3.7	3.3	10.89	15.47	168.47	4.0	2.9	8.41	16.72	140.61

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
338	3/15/60	88	3.1	2.8	7.84	16.76	100.61	3.2	2.6	6.76	13.38	90.45
339	"	106	3.4	2.2	4.84	14.21	68.78	3.3	2.2	4.84	13.79	66.74
340	5/15/61	107	4.6	4.0	16.00	19.23	307.68	5.3	3.7	13.69	22.15	303.23
341	"	120	3.7	2.8	7.84	15.47	121.28	3.8	2.5	6.25	15.88	99.25
342	"	118	4.1	3.7	13.69	17.14	234.65	4.6	3.7	13.69	19.23	263.26
343	"	110	4.3	3.4	11.56	17.97	207.73	4.5	3.1	9.61	18.81	180.76
345	"	102	3.8	3.2	10.24	15.88	162.61	3.9	2.8	7.84	16.30	127.79
350	"	104	3.9	2.9	8.41	16.30	137.05	4.2	2.7	7.29	17.56	128.11
351	"	113	4.1	3.4	11.56	17.14	198.14	4.2	3.5	12.87	17.56	194.33
352	"	107	3.6	3.1	9.61	15.05	144.63	4.3	2.9	8.41	17.97	157.13
353	"	106	4.1	3.5	12.25	17.14	209.96	4.5	3.4	11.56	18.81	217.74
354	6/17/61	113	4.1	3.2	10.24	17.14	175.51	4.6	3.1	9.61	19.23	184.80
358	"	110	4.2	3.1	9.61	17.56	168.75	4.5	3.1	9.61	18.81	180.76
361	"	80	2.1	1.3	1.69	8.78	14.84	2.0	1.3	1.69	8.36	14.13
362	7/17/61	81	3.4	2.4	5.76	14.21	81.85	2.9	2.4	5.76	12.12	69.81
363	"	113	4.6	3.7	13.69	19.23	263.26	4.2	3.4	11.56	17.56	202.99

Species UMA INORNATA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
364	7/18/61	117	3.7	2.6	6.76	15.47	104.58	4.0	2.5	6.25	16.72	104.50
365	"	83	1.2	.7	.49	5.02	2.46	1.5	.6	.36	6.27	2.26
373	"	80	1.2	.7	.49	5.02	2.46	1.3	.5	.25	5.43	1.36
374	8/[illegible]/61	115	3.4	2.4	5.76	[illegible]	81.85	3.1	2.4	5.76	[illegible]	93.89
375	"	114	2.4	1.6	2.56	[illegible]	25.68	2.3	1.4	1.96	[illegible]	14.16
377	"	115	3.4	2.5	6.25	[illegible]	88.81	3.8	2.5	6.25	[illegible]	99.75
378	"	115	3.5	2.2	4.84	[illegible]	60.69	3.1	2.0	4.00	[illegible]	50.16
379	"	114	2.6	1.3	1.69	8.36	14.13	2.8	1.2	1.44	[illegible]	15.65
385	9/10/61	110	2.1	1.3	1.69	8.78	14.84	2.3	1.2	1.44	9.61	13.84
386	"	112	2.2	1.1	1.21	9.20	11.13	2.5	1.1	1.21	10.45	12.64
388	9/14/61	114	2.2	1.1	1.21	9.20	11.13	2.6	0.9	0.81	10.87	8.80
391	9/16/61	87	0.6	0.3	0.09	2.51	0.22	0.7	0.4	0.16	2.93	0.46
394	"	98	1.7	1.1	1.21	7.11	8.60	2.0	1.0	1.00	8.36	8.36
397	10/10/61	81	1.4	0.8	0.64	5.85	3.74	1.3	0.8	0.64	5.43	3.48
399	"	82	1.3	0.7	0.49	5.43	2.66	1.3	0.7	0.49	5.43	2.66
401	"	110	2.2	1.3	1.69	9.20	15.55	2.4	1.1	1.21	10.03	12.14

Species UMA INORNATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	b	b^2	4.18a	Vol.(mm^3)	Right Testis a	b	b^2	4.18a	Vol(mm^3)
405	10/10/61	98	1.5	1.0	1.00	6.27	6.27	2.0	0.9	0.81	8.36	6.77
409	3/28/62	80	3.0	2.5	6.25	12.54	78.38	3.2	2.2	4.84	13.38	64.76
411	"	110	3.0	2.3	5.29	12.54	66.34	3.7	2.1	4.41	15.47	68.22
412	"	112	4.1	3.4	11.56	17.14	198.14	4.5	3.2	10.24	18.81	192.61
414	4/24/62	107	4.5	3.8	14.44	18.81	271.62	5.1	3.6	12.96	21.32	276.31
415	"	116	4.5	3.6	12.96	18.81	243.78	4.3	3.4	11.56	17.97	207.73
417	"	101	3.4	3.1	9.61	14.21	136.56	4.1	2.8	7.84	17.14	134.38
418	5/24/62	102	4.1	3.4	11.56	17.14	198.14	4.2	3.4	11.56	17.56	202.99
419	"	118	4.7	3.6	12.96	19.65	254.66	4.9	3.7	13.69	20.48	280.37
420	"	112	4.4	4.2	17.64	18.39	324.40	5.2	3.8	14.44	21.74	313.93
421	"	89	3.0	2.5	6.25	12.54	78.38	3.1	2.4	5.76	12.96	74.65
422	"	118	4.9	4.0	16.00	20.48	327.68	—	—	—	—	—
423	"	101	3.9	3.4	11.56	16.30	188.43	3.9	3.0	9.00	16.30	146.70
424	"	95	3.7	3.0	9.00	15.47	139.23	3.7	2.8	7.84	15.47	121.28
427	6/21/62	111	4.1	2.9	8.41	17.14	144.15	4.0	2.9	8.41	16.72	140.62
428	"	99	3.0	2.9	8.41	12.54	105.46	3.4	2.7	7.29	14.21	103.59

Species UMA INORNATA

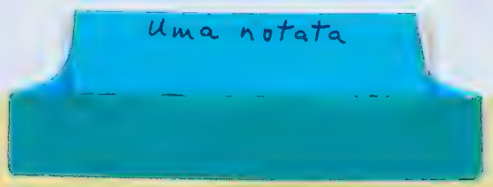
Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
431	6/21/62	100	2.8	2.6	6.76	11.70	79.09	3.2	2.5	6.25	13.38	83.62
432	"	99	1.8	1.4	1.96	7.52	14.74	2.2	1.4	1.96	9.20	18.03
434	"	91	2.5	1.9	3.61	10.45	37.72	2.8	1.9	3.61	11.70	42.24
435	"	112	4.0	3.1	9.61	16.72	160.68	4.2	3.1	9.61	17.56	168.75
436	"	109	3.5	3.1	9.61	14.63	140.59	4.3	3.1	9.61	17.97	172.69
437	"	103	3.5	3.3	10.89	14.63	159.32	4.0	2.9	8.41	16.72	140.62
439	"	97	3.5	2.8	7.84	14.63	114.70	3.4	2.8	7.84	14.21	111.41
441	"	97	2.7	2.3	5.29	11.29	59.72	3.1	2.2	4.84	12.96	62.73
444	7/11/62	86	0.9	0.5	0.25	3.76	0.94	1.0	0.6	0.36	4.18	1.50
445	"	102	1.9	1.3	1.69	7.94	13.42	2.0	1.3	1.69	8.36	14.13
446	"	108	2.1	1.4	1.96	8.78	17.21	2.5	1.4	1.96	10.45	20.48
447	"	98	1.5	1.1	1.21	6.27	7.59	1.9	1.0	1.00	7.94	7.94
451	"	108	3.0	2.2	4.84	12.54	60.69	3.0	2.1	4.41	12.54	55.30
452	"	109	3.5	2.9	8.41	14.63	123.04	3.8	2.8	7.84	15.88	124.50
461	8/8/62	106	3.3	2.8	7.84	13.79	108.11	3.7	2.6	6.76	15.47	104.58
466	"	114	3.4	2.9	8.41	14.21	119.51	3.9	2.7	7.29	16.30	118.83

Species UMA INORNATA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
467	8/8/62	84	2.8	2.4	5.76	11.70	67.39	3.5	2.3	5.29	14.63	77.39
468	"	106	3.3	2.6	6.76	13.79	93.22	3.9	2.3	5.29	16.30	86.23
469	"	97	2.7	2.2	4.84	11.29	54.64	2.5	2.2	4.84	10.45	50.58
470	"	87	1.3	0.7	0.49	5.43	2.66	1.6	0.7	0.49	6.69	3.28
471	"	85	0.8	0.6	0.36	3.34	1.20	1.5	0.7	0.49	6.27	3.07
474	9/6/62	71	0.8	0.5	0.25	3.34	0.84	0.8	0.5	0.25	3.34	0.84
476	"	113	2.4	1.5	2.25	10.03	22.57	2.3	1.4	1.96	9.61	18.84
477	"	111	2.8	2.1	4.41	11.70	51.60	2.6	2.2	4.84	10.87	52.61
478	"	117	2.1	1.6	2.56	8.78	22.48	2.7	1.5	2.25	11.29	25.40
479	"	96	2.1	1.0	1.00	8.78	8.78	2.1	1.0	1.00	8.78	8.78
480	4/10/64	107	3.4	2.8	7.84	14.21		3.5	2.5	6.25	14.63	

Species UMA INORNATA (Experimental)

Toe-clip # / Tag No	Date of ~~Capture~~ Autopsy	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
16 6	3/5/62	76	1.4	1.0	1.00	5.85	5.85	1.5	0.9	0.81	6.27	5.08


Una notata

uma notata

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
1	5/25/58	90	1.2	.7	.81	5.02	4.07	1.5	.7	.49	6.27	5.07
4	"	117	3.4	2.2	4.84	14.21	48.78	4.6	2.2	4.84	16.72	80.92
5	9/19/58	113	2.1	1.1	1.21	8.78	10.62	2.2	1.4	1.96	9.20	18.03
7	10/31/58	92	1.5	.7	.49	6.27	3.07	1.6	.7	.49	6.69	3.28
9	"	73	1	.7	.49	4.18	2.05	1.2	.7	.49	5.02	2.46
10	"	52	.6	.5	.25	2.51	.63	.9	.5	.25	3.76	.94
12	"	43	.5	.2	.04	2.09	.08	.5	.2	.04	2.09	.08
14	"	100	2.7	1.9	3.61	11.29	40.76	3.6	1.8	3.24	15.54	40.63
15	"	74	1.7	.9	.81	7.11	5.76	1.5	1.0	1.00	6.27	6.27
18	11/14/58	50	.7	.5	.25	2.93	.73	.7	.37	.16	2.93	.47
19	"	49	.5	.37	.16	2.09	.33	.5	.25	.09	2.09	.19
20	"	60	.4	.5	.25	3.76	.94	1.0	.5	.25	4.18	1.04
21	"	102	2	1.1	1.21	8.36	10.12	2	1.2	1.44	8.36	12.04
23	"	69	1.0	.7	.49	4.18	2.05	1.1	.6	.36	4.60	1.66
24	"	64	1.0	.5	.25	4.18	1.04	1.1	.5	.25	4.60	1.15
25	"	68	1.0	.8	.64	4.18	2.67	1.1	.8	.64	4.60	2.94

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
27	12/19/56	40	.4	.2	.04	1.67	.07	.5	.2	.04	2.09	.08
28	"	43	.5	.4	.16	2.09	.33	.7	.2	.04	2.93	.17
30	1/24/57	62	.7	.5	.25	2.93	.73	1.0	.5	.25	4.18	1.04
31	"	58	.7	.5	.25	2.93	.73	.7	.5	.25	2.93	.73
32	"	55	1.0	.5	.25	4.18	1.04	1.0	.5	.25	4.18	1.04
33	"	63	1.0	.5	.25	4.18	1.04	1.0	.5	.25	4.18	1.04
34	2/5/57	55	.6	.5	.25	2.51	.63	.7	.5	.25	2.93	.73
36	"	69	1.0	.6	.36	4.18	1.50	1.0	.6	.36	4.18	1.50
37	"	58	.8	.6	.36	3.34	1.20	1.0	.6	.36	4.18	1.50
38	"	49	.7	.5	.25	2.93	.73	.6	.5	.25	2.51	.63
39	"	47	.5	.3	.09	2.09	.19	.6	.3	.09	2.51	.23
47	3/21/57	55	.7	.5	.25	2.93	.73	.7	.5	.25	2.93	.73
48	"	54	.6	.4	.16	2.51	.40	.6	.4	.16	2.51	.40
49	"	63	.7	.5	.25	2.93	.73	.7	.5	.25	2.93	.73
50	"	60	.6	.5	.25	2.51	.63	.9	.5	.25	3.76	.94
51	"	66	1.0	.6	.36	4.18	1.50	1.0	.6	.36	4.18	1.50

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
52	3/24/59	73	1.0	.7	.49	4.18	2.05	1.5	.7	.49	6.27	3.07
53	"	103	2.6	2.0	4.00	10.87	43.48	3.0	1.9	3.61	12.54	45.27
54	"	109	2.4	1.8	3.24	10.03	32.50	2.9	1.6	2.56	12.12	31.03
55	"	105	2.5	1.9	3.61	10.45	37.72	2.5	1.9	3.61	10.45	37.72
56	"	75	1.3	1.0	1.00	5.43	5.43	1.9	1.0	1.00	7.94	7.94
57	4/25/59	82	2.0	1.8	3.24	8.36	27.09	2.1	1.7	2.89	8.78	25.37
58	"	116	3.5	2.7	7.29	14.63	106.65	4.0	3.2	10.24	16.72	171.21
59	"	101	3.6	2.8	7.84	15.05	117.99	3.8	2.8	7.84	15.88	174.50
60	"	82	1.2	.5	0.25	5.02	1.25	1.5	.5	.25	6.27	1.57
61	"	80	1.4	.7	.49	5.85	2.87	1.7	.6	.36	7.11	2.56
62	"	60	.7	.4	.16	2.93	.47	1.0	.2	.04	4.18	.17
63	"	67	.9	.5	.25	3.76	.94	.9	.4	.16	3.76	.60
79	5/25/59	82	2.7	2.2	4.84	11.29	54.64	3.4	1.7	3.61	14.24	51.30
80	"	84	2.4	2.0	4.00	10.03	40.12	2.5	2.2	4.84	10.45	50.58
81	"	105	3.2	2.6	6.76	13.38	90.45	3.3	3.0	9.00	13.79	124.11
82	"	56	.7	.4	0.16	2.93	.47	.9	.4	.16	3.76	.60

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
83	5/25/59	62	.7	.4	.16	2.93	.47	.7	.4	.16	2.93	.47
84	"	73	.9	.6	.36	3.76	1.35	1.0	.6	.36	4.18	1.50
87	"	57	.6	.4	.16	2.51	.40	.7	.3	.09	2.93	.26
88	"	64	.9	.5	.25	3.76	.94	1.0	.4	.16	4.18	.67
89	"	57	.7	.4	.16	2.93	.47	.7	.4	.16	2.93	.47
92	"	55	.6	.3	.09	2.51	.23	.6	.3	.09	2.51	.23
94	6/4/59	113	4.2	3.3	10.89	17.56	191.23	4.2	3.4	11.56	17.56	202.49
95	"	90	2.6	2.1	4.41	10.87	47.94	2.8	2.1	4.41	11.70	51.66
96	"	115	4.1	3.0	9.00	17.14	154.26	3.8	3.3	10.89	15.88	172.43
97	"	86	3.0	2.5	6.25	12.54	78.37	3.4	2.6	6.76	14.21	96.66
98	"	70	1.0	.7	.49	4.18	2.05	1.2	.5	.25	5.02	1.25
99	"	66	.8	.5	.25	3.34	.83	1.0	.4	.16	4.18	.67
100	"	63	1.0	.6	.36	4.18	1.50	1.1	.6	.36	4.60	1.66
101	"	63	.9	.4	.16	3.76	.60	.9	.4	.16	3.76	.60
109	7/2/59	79	1.9	.7	.49	7.94	3.89	1.3	.6	.36	5.43	1.95
114	"	64	.7	.4	.16	2.93	.47	.8	.4	.16	3.34	.53

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
115	7/20/59	69	.9	.6	.36	3.76	1.35	.9	.4	.16	3.76	.60
119	"	61	.6	.4	.16	2.51	.40	.8	.4	.16	3.34	.53
122	"	108	3.4	2.5	6.25	14.21	88.81	3.7	2.5	6.25	15.47	96.69
123	"	91	2.4	1.9	3.61	10.03	36.21	1.5	1.5	2.25	6.27	14.11
126	7/21/59	121	3.1	1.9	3.61	12.96	46.79	3.0	1.9	3.61	12.54	45.27
127	4/25/57	79	1.3	.9	.81	5.43	4.40	1.6	.7	.49	6.69	3.28
128	"	94	1.9	1.4	1.96	7.94	15.56	2.0	1.3	1.69	8.36	14.13
133	5/17/57	70	.2	.5	.25	.84	.21	.2	.5	.25	0.84	.21
134	"	77	1.1	.9	.81	4.60	3.73	1.0	.5	.25	4.18	1.04
135	"	76	1.1	.7	.49	4.60	2.25	1.3	.5	.25	5.43	1.36
138	8/18/57	104	3.7	3.0	9.00	14.21	127.89	5.6	5.1	9.61	15.05	144.63
139	5/14/57	112	2.8	1.9	3.61	11.70	42.24	3.7	2.2	4.84	15.47	74.87
143	5/15/57	108	2.4	1.9	3.61	10.03	36.21	2.5	2.2	4.84	10.45	50.58
148	5/17/57	60	.7	.4	.16	2.93	.47	.6	.3	.09	2.51	.23
149	"	57	.5	.4	.16	2.09	.33	.4	.4	.16	2.51	.46
150	"	68	.9	.5	.25	3.76	.94	.9	.5	.25	3.76	.94

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
152	8/19/59	86	2.5	2.3	5.29	10.45	55.28	3.3	2.4	5.76	13.79	79.43
153	"	68	.9	.6	.36	3.76	1.55	.9	.5	.25	3.76	.94
154	"	79	1.1	.6	.36	4.60	1.66	1.2	.5	.25	5.02	1.25
155	"	79	2.3	1.7	2.89	9.61	27.77	2.3	1.6	2.56	9.61	24.60
156	"	81	1.7	1.3	1.69	7.11	12.01	1.9	1.3	1.69	7.94	13.42
157	"	83	1.2	.5	.25	5.02	1.25	1.4	.6	.36	5.85	2.10
158	"	85	1.2	.7	.49	5.02	2.46	1.4	.7	.49	5.85	2.87
159	9/1/59	76	1.2	.7	.49	5.02	2.46	1.2	.7	.49	5.02	2.46
165	"	71	.7	.5	.25	2.93	.73	.9	.6	.36	3.76	1.35
168	"	106	2.5	1.1	1.21	10.45	12.64	2.5	1.3	1.69	10.45	17.66
169	"	68	.8	.5	.25	3.34	.83	.8	.5	.25	3.34	.83
172	"	82	1.3	.7	.49	5.43	2.66	1.6	.7	.49	6.69	3.28
175	9/10/59	68	.7	.5	.25	2.93	.73	.7	.5	.25	2.93	.73
181	"	77	.8	.6	.36	3.34	1.20	.9	.6	.36	3.76	1.35
182	"	76	1.1	.5	.25	4.60	1.15	1.1	.5	.25	4.60	1.15
183	"	76	1.0	.5	.25	4.18	1.04	1.0	.4	.16	4.18	.67

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
186	9/10/57	68	.9	.3	.09	3.76	.34	1.0	.3	.09	4.18	.38
187	"	71	1.0	.5	.25	4.18	1.04	1.1	.5	.25	4.60	1.15
189	"	85	1.6	.7	.49	6.69	3.28	1.6	.7	.49	6.69	3.28
190	"	106	2.5	1.2	1.44	10.45	15.05	2.7	1.2	1.44	10.03	14.44
191	"	70	.9	.5	.25	3.76	.94	1.2	.5	.25	5.02	1.25
192	"	85	1.3	.9	.81	5.43	4.40	1.6	.9	.81	6.69	5.43
194	10/25/57	69	1.0	.7	.49	4.18	2.65	1.1	.4	.16	4.60	.74
196	"	109	2.1	1.1	1.21	8.78	16.62	2.4	1.2	1.44	10.03	14.44
197	"	75	1.3	.7	.49	5.43	2.66	1.4	1.0	1.00	5.85	5.85
198	"	67	.8	.6	.36	3.34	1.20	.9	.6	.36	3.76	1.35
199	"	70	1.4	.9	.81	5.85	4.74	1.3	.7	.49	5.43	2.66
202	"	65	1.0	.5	.25	4.18	1.04	1.0	.5	.25	4.18	1.04
203	"	71	1.1	.7	.49	4.60	2.25	1.4	.7	.49	5.85	2.87
204	"	58	1.4	.8	.64	5.85	5.74	1.6	.7	.49	6.69	3.28
206	"	69	1.0	.6	.36	4.18	1.50	1.0	.5	.25	4.18	1.04
207	"	67	1.0	.6	.36	4.18	1.50	1.0	.5	.25	4.18	1.04

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
208	10/25/59	74	1.1	.7	.49	4.60	2.25	1.3	.7	.49	5.43	2.66
210	"	67	1.0	.4	.16	4.18	.67	.9	.5	.25	3.76	0.94
214	11/15/59	52	.6	.4	.16	2.51	.40	.7	.4	.16	2.93	0.47
215	"	54	.6	.4	.16	2.51	.40	.7	.4	.16	2.93	0.47
216	"	66	.8	.5	.25	3.34	.83	1.0	.5	.25	4.18	1.04
217	"	66	.7	.5	.25	2.93	.73	.9	.4	.16	3.76	0.60
218	"	67	1.0	.8	.64	4.18	2.67	1.0	.9	.81	4.18	3.35
222	"	63	.9	.6	.36	3.76	1.35	1.0	.5	.25	4.18	1.04
223	"	92	2.0	1.3	1.69	8.36	14.13	2.2	1.3	1.69	9.20	15.55
224	2/10/60	85	1.9	1.3	1.69	7.94	13.42	2.2	1.3	1.69	9.20	15.55
227	"	97	1.9	1.5	2.25	7.94	17.86	2.7	1.4	1.96	11.29	22.13
230	"	79	1.8	1.3	1.69	7.52	12.71	2.2	1.3	1.69	9.20	15.55
231	"	67	1.2	.8	.64	5.02	3.21	1.3	.8	.64	5.43	3.48
232	"	94	2.5	1.9	3.61	10.45	37.72	2.8	1.8	3.24	11.76	31.91
233	"	73	1.6	1.3	1.69	6.69	11.31	1.2	.7	.49	5.02	2.46
236	"	75	1.9	1.6	2.56	7.94	20.33	2.3	1.6	2.56	9.61	24.60

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
237	3/10/60	109	2.2	1.3	1.69	9.20	15.55	2.6	1.2	1.44	10.87	15.65
238	3/8/60	84	2.6	2.1	4.41	10.87	47.94	3.2	2.1	4.41	13.38	59.00
239	"	79	1.9	1.4	1.96	7.94	15.56	2.1	1.6	2.56	8.78	22.48
241	"	84	2.6	2.3	5.29	10.87	57.50	3.1	2.1	4.41	12.76	57.15
242	"	93	2.8	2.1	4.41	11.70	51.60	2.9	1.9	3.61	12.12	43.75
245	"	86	2.2	1.8	3.24	9.20	29.81	2.5	1.8	3.24	10.45	33.86
250	"	84	2.2	1.8	3.24	9.20	29.81	2.5	1.9	3.61	10.45	37.72
252	4/19/60	99	1.7	1.0	1.00	7.11	7.11	2.1	.9	0.81	8.78	7.11
253	"	83	1.3	.7	.49	5.43	2.66	1.5	.7	.49	6.27	3.07
254	"	89	1.3	.7	.49	5.43	2.66	1.4	.7	.49	5.85	2.87
255	"	85	1.9	1.3	1.69	7.94	13.42	1.7	.7	.49	7.94	3.89
260	4/13/60	61	.7	.5	.25	2.93	.73	.7	.5	.25	3.76	.94
261	"	98	3.4	2.5	6.25	14.21	88.81	3.3	2.2	4.84	13.79	66.74
263	"	90	3.1	2.9	8.41	12.96	108.99	3.6	2.5	6.25	15.05	94.06
264	"	108	3.4	3.1	9.61	14.21	136.56	4.1	2.8	7.84	17.14	134.38
265	"	79	1.6	1.5	2.25	6.69	15.05	3.0	1.3	1.69	8.36	14.13

Species RANA PIPIENS

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
266	4/13/60	84	2.6	1.6	2.56	10.87	27.83	2.7	2.1	4.41	11.29	49.79
268	"	76	1.7	1.8	3.24	5.85	18.95	1.8	1.3	1.69	7.52	12.71
269	"	78	1.4	1.2	1.44	5.85	8.42	1.5	1.0	1.00	6.27	6.27
274	"	96	3.1	2.7	8.41	12.96	108.99	3.3	2.8	7.84	13.79	108.11
276	"	80	2.1	1.9	3.61	8.78	31.70	2.8	1.5	2.25	11.70	26.32
277	"	85	2.3	2.1	4.41	9.61	42.38	2.5	1.9	3.61	10.45	37.72
278	"	93	3.6	3.1	9.61	15.05	144.63	3.7	2.8	7.84	15.47	121.28
279	"	109	4.1	3.4	11.56	17.14	198.14	4.5	3.3	10.89	18.81	204.84
282	"	97	3.7	3.2	10.24	15.47	158.41	3.8	3.0	9.00	15.88	142.92
285	"	80	1.9	1.8	3.24	7.94	25.72	2.2	1.6	2.56	9.20	23.55
285	5/1/60	98	3.1	2.7	7.29	12.96	94.48	3.7	2.5	6.25	15.47	96.69
286	"	114	4.6	3.5	12.25	19.23	235.57	4.6,	3.4	11.56	19.23	222.30
287	"	85	3.6	3.1	7.61	15.05	144.63	4.0	3.1	9.61	16.72	160.68
289	"	89	3.4	2.8	7.84	14.21	111.41	4.0	2.7	7.29	16.72	121.89
291	"	115	4.3	3.7	13.69	17.97	246.01	5.0	3.4	11.56	20.90	241.60
292	"	101	3.4	3.1	9.61	14.21	136.59	3.8	2.9	8.41	15.88	135.55

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
293	5/11/60	84	3.4	2.8	7.84	14.21	111.41	4.0	2.5	6.25	16.72	104.50
294	"	102	4.5	3.0	9.00	18.81	169.29	4.9	3.4	11.56	20.48	236.75
295	"	88	2.9	2.5	6.25	12.12	75.75	3.5	2.5	6.25	14.63	91.44
296	"	101	4.3	3.7	13.69	17.97	246.01	4.9	3.5	12.25	20.48	250.88
300	5/9/60	94	3.2	2.7	7.29	13.38	97.54	4.2	2.4	5.76	17.56	101.14
302	"	89	3.1	2.6	6.76	12.96	87.61	3.6	2.8	7.84	15.05	117.99
304	"	104	4.0	3.2	10.24	16.72	171.21	4.3	3.1	9.61	20.06	193.78
305	5/10/60	84	2.9	2.5	6.25	12.12	75.75	3.6	2.4	5.76	12.54	72.23
306	"	99	3.2	3.0	7.84	13.38	104.90	3.4	2.8	7.84	14.21	111.41
308	"	104	4.1	2.8	7.84	17.14	134.38	4.8	2.8	7.84	20.06	157.29
309	"	91	3.3	2.7	8.41	13.79	115.97	3.7	2.6	6.76	15.47	104.58
310	"	103	3.8	3.1	9.61	15.88	152.61	3.9	2.8	7.84	16.30	127.79
311	"	95	3.1	3.0	9.00	12.96	116.64	3.6	2.8	7.84	15.05	117.99
313	"	102	3.5	3.3	10.89	14.63	159.30	4.6	2.9	8.41	19.23	161.72
315	5/9/60	106	4.0	2.9	8.41	16.72	140.61	4.2	3.0	9.00	17.56	158.04
318	6/9/60	83	1.6	1.4	1.96	6.69	13.11	1.8	1.3	1.69	7.52	12.71

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
319	6/9/60	112	3.1	2.8	7.84	12.76	101.61	3.8	2.6	6.76	15.88	107.35
320	"	95	2.9	2.1	4.41	12.12	53.45	3.3	2.6	4.00	13.79	55.16
321	"	113	3.4	3.2	10.24	14.21	145.51	4.0	2.8	7.84	16.72	131.08
328	6/10/60	88	3.4	2.8	7.84	14.21	111.41	4.1	2.8	7.84	17.14	134.33
331	"	85	2.7	2.3	5.29	11.29	59.72	3.2	2.3	5.29	13.38	70.75
332	"	85	2.6	2.4	5.76	10.87	62.61	3.0	2.2	4.84	12.54	60.69
333	"	90	3.4	2.8	7.84	14.21	111.41	3.7	2.5	6.25	15.47	96.69
337	"	87	2.5	2.0	4.00	10.45	41.80	3.7	2.1	4.41	11.29	49.79
338	"	79	1.5	1.2	1.44	6.27	9.03	1.6	1.1	1.21	6.69	8.07
339	"	92	2.2	1.9	3.61	9.20	33.21	2.5	1.7	2.89	10.45	30.20
340	"	69	.8	.5	.25	3.34	.83	1.0	.4	.16	4.18	.67
341	"	114	3.3	3.1	9.61	13.79	132.52	3.6	2.8	7.84	15.05	117.99
342	"	93	3.1	2.8	7.84	12.76	101.61	3.5	2.7	7.29	14.63	146.65
345	7/7/60	74	.9	.5	.25	3.76	.94	1.0	.4	.16	4.18	.67
346	"	109	3.3	2.8	7.84	13.79	108.11	3.8	2.7	7.29	15.88	115.76
347	"	75	.7	.5	.25	2.93	.73	1.0	.4	.16	4.18	.67

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
353	7/17/60	90	1.3	.8	.64	5.43	3.47	1.6	.7	.49	6.69	3.28
354	"	91	2.9	2.5	6.25	12.12	75.75	3.1	2.3	5.29	12.96	68.56
356	"	100	3.2	2.7	7.29	13.38	97.54	3.7	2.5	6.25	15.47	96.69
357	"	105	3.4	2.9	8.41	14.21	119.51	3.5	2.6	6.76	15.05	107.35
358	"	90	2.8	2.8	7.84	11.70	91.73	3.4	2.6	6.76	14.21	96.06
359	"	64	.7	.5	.25	2.93	.73	.7	.4	.16	2.93	.47
361	"	86	2.8	2.2	4.84	11.70	56.63	3.1	2.2	4.84	12.96	62.73
362	"	75	1.0	.4	.16	4.18	.67	1.0	.4	.16	4.18	.67
363	8/9/60	95	2.9	2.3	5.29	11.29	59.72	2.8	2.1	4.41	11.76	54.66
364	8/8/60	98	2.1	1.6	2.56	8.78	22.48	2.3	1.9	3.61	9.61	34.64
367	8/9/60	85	2.6	2.1	4.41	10.87	47.94	2.5	2.6	6.80	10.45	41.80
368	"	74	1.0	.7	.49	4.18	2.05	1.1	.6	.36	4.60	1.66
370	"	78	1.1	.6	.36	4.60	1.66	1.4	.5	.25	5.85	1.46
372	8/8/60	95	1.8	1.0	1.00	7.52	7.52	2.2	1.2	1.44	9.20	13.25
378	"	113	3.5	2.5	6.25	14.63	91.44	3.6	2.5	6.25	15.05	94.06
379	"	78	3.1	2.2	4.84	12.96	62.73	2.7	3.6	12.96	11.29	146.32

Species ULLA NORATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
380	8/8/60	75	1.3	.5	.25	5.43	1.36	1.6	.4	.16	6.69	1.07
381	"	90	2.6	2.2	4.84	10.87	52.61	2.8	1.6	2.56	11.70	29.95
382	"	103	2.6	1.9	3.61	10.87	39.24	3.0	1.9	3.61	12.54	45.27
383	"	96	1.8	1.1	1.21	7.52	9.10	1.9	1.0	1.00	7.94	7.94
384	8/9/60	98	3.0	2.5	6.25	12.54	78.37	5.4	2.5	6.25	14.21	88.81
385	"	98	2.6	2.2	4.84	10.87	52.61	3.0	2.1	4.41	12.54	55.30
386	"	90	~~2.2~~ f.e	~~1.8~~ 45	3.24	9.20	29.81	2.8	1.7	3.61	11.70	42.24
387	"	115	2.8	2.2	4.84	11.70	56.63	3.1	2.2	4.84	12.96	62.73
388	"	93	2.6	2.8	7.84	10.87	85.22	3.0	1.7	3.61	12.54	45.27
389	"	91	1.8	1.4	1.96	7.52	14.74	2.1	1.3	1.69	8.78	14.84
391	9/10/60	99	1.9	1.5	2.25	7.94	17.86	2.8	1.3	1.69	11.70	19.77
392	"	72	1.0	.5	.25	4.18	1.04	1.3	0.3	.09	5.43	.49
396	9/11/60	102	1.9	1.3	1.69	7.94	13.42	2.5	1.3	1.69	10.45	17.66
397	"	104	1.9	1.3	1.69	7.94	13.42	2.5	1.1	1.21	10.45	12.64
398	"	98	1.9	1.3	1.69	7.94	13.42	2.4	1.0	1.00	10.03	10.03
399	"	104	1.6	1.1	1.00	6.69	6.69	2.2	1.0	1.00	9.20	9.20

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
400	9/9/00	79	1.1	.6	.36	4.60	1.66	1.1	.5	.25	4.60	1.15
401	"	78	1.1	.7	.49	4.60	2.25	1.3	.5	.25	5.43	1.36
402	9/10/00	85	1.3	.6	.36	5.43	1.95	1.4	.7	.49	5.85	2.87
410	"	108	1.9	1.1	1.21	7.94	9.61	2.5	1.0	1.00	10.45	10.45
411	"	77	1.2	.7	.49	5.02	2.46	1.3	.6	.36	5.43	1.95
412	"	86	1.3	.7	.49	5.43	2.66	1.9	.7	.49	7.94	3.89
413	"	104	3.1	1.2	1.44	8.78	12.64	2.4	1.0	1.00	10.03	10.03
414	"	80	1.0	.7	.49	4.18	2.05	1.1	.5	.25	4.60	1.15
415	"	87	1.3	.9	.81	5.43	4.40	1.8	.9	.81	7.52	6.09
416	"	79	1.0	.4	.16	4.18	.67	1.0	.4	.16	4.18	.67
417	8/9/00	112	3.4	2.5	6.25	14.21	88.81	4.5	1.9	3.61	18.81	67.90
419	10/15/00	96	2.0	1.3	1.69	8.36	14.13	1.9	1.2	1.44	7.94	11.43
423	"	84	1.6	1.0	1.00	6.69	6.69	1.8	1.2	1.44	7.52	10.83
424	"	99	1.6	1.1	1.21	6.69	8.09	2.2	1.2	1.44	9.20	13.25
425	"	94	1.4	.8	.64	5.85	3.74	1.5	.8	.64	6.27	4.01
426	"	115	3.2	1.3	1.69	9.36	15.55	2.6	1.4	1.96	10.87	21.30

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
427	10/15/60	103	1.6	1.0	1.00	6.69	6.69	1.7	1.0	1.00	~~7.87~~ 7.11	7.11
429	"	91	1.3	1.0	1.00	5.43	5.43	1.6	.9	.81	~~5.43~~ 6.69	5.42
431	"	71	1.0	.6	.36	4.18	1.50	1.1	.5	.25	4.60	1.15
443	2/3/61	100	3.5	1.5	2.25	16.45	23.51	3.0	1.3	1.69	14.63	24.72
444	"	~90	2.6	1.0	1.00	10.87	10.87	2.8	1.0	1.00	11.70	11.70
449	3/21/61	84	2.4	2.0	4.00	10.03	40.12	2.6	2.0	4.00	10.87	43.48
453	"	83	1.3	1.0	1.00	5.43	5.43	1.4	.8	.64	5.85	3.74
454	"	78	1.4	.9	.81	~~5.85~~ 5.43	4.74	1.3	.8	.64	5.43	5.47
456	"	83	2.5	1.4	3.61	10.45	37.72	2.5	1.9	3.61	10.45	37.72
457	8/9/60	72	.7	.7	.49	3.76	1.84	1.0	.7	.49	4.18	2.05
461	9/19/60	68	1.6	1.1	1.21	6.69	8.09	1.6	1.3	1.69	6.69	11.31
462	8/19/60	79	2.4	1.9	3.61	10.03	36.71	2.2	1.7	3.61	9.20	33.21
463	"	78	2.3	2.2	4.84	9.61	46.51	2.7	1.9	3.61	11.29	40.76
464	"	80	2.4	1.9	3.61	10.03	36.21	2.6	1.8	3.24	10.87	35.32
465	"	90	2.8	3.1	4.41	11.70	51.60	3.1	2.2	4.84	12.96	62.73
466	"	86	2.8	2.2	4.84	11.70	56.63	3.2	2.5	6.25	13.38	83.62

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
467	4/16/61	106	3.7	2.8	7.84	15.47	121.28	3.8	2.8	7.84	15.88	124.50
468	"	109	3.7	2.7	7.29	15.47	112.78	3.7	2.5	6.25	15.47	96.69
469	"	99	3.3	3.0	9.00	13.79	124.11	3.8	3.0	9.00	15.88	142.92
470	"	95	3.7	3.1	9.61	15.47	148.67	3.9	2.9	8.41	16.30	137.08
471	"	88	3.4	2.8	7.84	14.21	111.41	3.6	2.6	6.76	15.05	101.74
472	"	88	2.6	2.3	5.29	10.87	57.50	2.8	2.2	4.84	11.70	56.63
473	"	93	3.3	2.7	7.29	13.79	100.53	3.6	2.8	7.84	15.05	117.99
474	"	84	1.9	1.4	1.96	7.94	15.56	2.2	1.2	1.44	9.20	13.25
475	"	81	1.8	1.4	1.96	7.52	14.74	2.2	1.3	1.69	9.20	15.53
476	"	85	2.5	2.0	4.00	10.45	41.80	2.7	1.9	3.61	11.24	40.76
483	5/13/61	99	2.5	2.2	4.84	11.70	56.63	3.1	2.9	8.41	12.96	108.99
484	6/14/61	90	3.1	2.5	6.25	12.96	81.00	3.4	2.8	7.84	14.21	111.41
485	"	97	1.7	1.0	1.00	7.11	7.11	3.2	1.0	1.60	9.20	9.20
488	"	105	4.0	2.2	10.24	16.72	171.21	4.3	2.8	7.84	17.97	140.85
489	"	104	4.0	3.3	10.89	16.72	182.68	4.0	3.0	9.00	16.72	150.48
490	"	107	3.7	3.4	11.56	15.47	178.83	3.7	2.8	7.84	16.30	127.79

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
495	5/14/61	105	4.0	3.4	11.56	16.72	193.28	3.9	3.3	10.89	16.30	177.51
496	"	91	3.2	3.0	9.00	13.38	120.42	3.4	2.7	7.29	14.21	103.59
500	"	86	1.6	1.3	1.69	6.69	11.31	1.9	1.3	1.69	7.94	13.42
501	"	106	3.7	3.0	9.00	15.47	139.23	4.3	2.8	7.84	17.97	140.88
504	"	80	2.5	2.0	4.00	10.45	41.80	2.5	1.8	3.24	10.45	33.86
508	"	91	3.1	2.7	7.29	12.96	94.48	3.2	2.4	5.76	13.38	77.07
509	"	92	2.6	2.4	5.76	10.87	62.61	2.8	2.2	4.84	11.70	56.63
510	"	82	2.4	2.0	4.00	10.03	40.12	2.9	1.8	3.24	12.12	39.27
514	6/3/61	100	3.1	2.5	6.25	12.96	81.00	3.5	2.5	6.25	14.65	91.44
516	6/4/61	100	2.5	2.2	4.84	10.45	50.58	3.0	2.2	4.84	12.54	60.69
518	6/7/61	91	2.7	2.4	5.76	12.12	69.81	3.0	2.3	5.29	12.54	66.34
519	"	104	3.6	2.3	5.29	15.05	79.61	4.3	2.5	6.25	17.97	113.31
520	"	85	2.8	2.2	4.84	11.70	56.63	2.8	2.2	4.84	11.70	56.63
525	6/6/61	63	2.1	1.7	2.89	8.75	25.37	2.3	1.6	2.56	9.61	34.60
526	"	80	2.9	2.6	6.76	12.12	81.93	3.3	2.2	4.84	13.79	66.74
527	"	102	3.7	3.1	9.61	15.47	148.67	4.3	3.0	9.00	17.97	161.73

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
528	6/6/61	107	3.7	2.6	6.76	15.47	104.58	4.3	2.7	7.29	17.97	131.00
529	"	101	3.6	3.4	11.56	15.05	173.98	3.7	2.8	7.84	15.47	121.28
531	"	102	3.4	3.1	9.61	14.21	136.56	3.8	3.1	9.61	15.85	152.61
532	"	87	2.6	2.2	4.84	10.87	52.61	2.5	2.2	4.84	10.45	50.58
533	"	104	4.2	3.6	12.96	17.56	226.28	4.6	3.5	12.25	19.23	235.57
536	6/25/61	97	3.2	2.8	7.84	13.38	104.90	3.4	2.8	7.84	14.21	111.41
537	7/10/61	95	3.1	2.8	7.84	12.96	101.61	3.7	2.5	6.25	15.47	96.69
545	7/11/61	107	3.8	3.0	9.00	15.88	142.92	4.3	3.0	9.00	17.97	161.73
546	"	76	1.0	.7	.49	4.18	2.05	1.1	.7	.49	4.60	2.25
547	"	105	3.4	2.6	6.76	14.21	96.06	4.1	3.0	9.00	17.14	154.26
548	"	74	2.4	2.1	4.41	10.03	44.23	2.6	2.1	4.41	10.87	47.94
549	"	95	3.1	2.5	6.25	12.96	81.00	3.6	2.6	6.76	15.05	101.74
550	"	90	3.0	2.6	6.76	12.54	84.77	3.3	2.6	6.76	13.79	93.22
552	"	82	3.1	2.5	6.25	12.96	81.00	3.2	2.5	6.25	13.38	83.62
553	"	97	3.3	2.6	6.76	13.79	93.22	3.4	2.5	6.25	14.21	88.81
555	"	101	2.8	2.2	4.84	11.70	56.63	2.8	2.1	4.41	11.70	51.60

Species UMA NOTATA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
557	7/11/61	78	1.6	.9	.81	6.69	5.42	1.9	.9	.81	7.94	6.43
559	"	88	2.7	2.4	5.76	11.29	65.03	3.0	2.4	5.76	12.54	72.23
560	"	100	3.2	2.8	7.84	13.38	104.90	3.8	2.0	4.00	15.88	63.52
561	"	99	3.3	2.7	7.29	13.79	100.53	3.6	2.8	7.84	15.05	117.99
562	"	83	2.1	1.6	2.56	8.78	22.48	2.2	1.6	2.56	9.20	23.55
563	7/23/61	101	2.8	2.8	7.84	11.70	91.73	3.4	2.6	6.76	14.21	96.06
564	"	83	2.6	2.1	4.41	10.87	47.94	2.8	2.1	4.41	11.70	51.60
566	7/23/61	90	1.6	1.1	1.21	6.69	8.09	1.9	.8	.64	7.94	5.08
567	"	107	2.9	2.6	6.76	12.12	81.93	3.6	2.2	4.84	15.05	72.84
568	"	105	3.0	2.5	6.25	12.54	78.37	3.4	2.5	6.25	14.21	88.81
569	8/17/61	92	2.0	1.5	2.25	8.36	18.81	2.3	1.6	2.56	9.61	24.60
570	8/17/61	105	3.3	2.5	6.25	13.79	86.19	3.2	2.2	4.84	14.21	68.78
571	8/17/61	53	1.3	.7	.49	5.43	2.66	1.6	.7	.49	6.69	3.28
572	"	104	2.5	1.9	3.61	10.45	37.72	3.0	1.7	2.89	12.54	36.24
573	"	77	1.8	.6	.36	7.52	1.95	1.9	.5	.25	7.94	1.15
574	"	87	1.3	1.0	1.00	5.43	3.47	1.6	.8	.64	6.69	4.28

Species UMA NOTATA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
576	9/12/61	98	2.4	2.1	4.41	10.03	44.23	2.6	1.9	3.61	10.87	39.74
578	9/12/61	90	1.2	0.8	0.64	5.02	3.21	1.6	0.6	0.36	6.69	2.41
579	"	104	1.8	1.1	1.21	7.52	9.10	2.1	1.3	1.69	8.78	14.84
581	"	91	1.6	0.9	0.81	6.69	5.42	1.6	0.9	0.81	6.69	5.42
582	"	90	1.6	0.9	0.81	6.69	5.42	1.7	0.8	0.64	7.11	4.55
583	"	106	2.2	1.2	1.44	9.20	13.25	2.6	1.0	1.00	10.87	10.87
584	"	93	0.9	0.5	0.25	3.76	0.94	1.4	0.4	0.16	5.85	0.94
585	"	76	2.1	1.1	1.21	8.78	10.62	2.2	1.1	1.21	9.20	11.13
587	10/7/61	82	1.3	0.6	0.36	5.43	1.95	1.4	0.6	0.36	5.85	2.11
588	"	94	1.7	0.9	0.81	7.11	5.76	1.9	0.8	0.64	7.94	5.08
590	"	88	1.7	1.0	1.00	7.11	7.11	1.9	0.9	0.81	7.94	6.43
592	"	99	1.5	0.7	0.49	6.27	3.07	2.1	0.7	0.49	8.78	4.30
595	"	92	1.3	0.7	0.49	5.43	2.66	1.6	0.7	0.49	6.69	3.28
596	"	85	1.0	0.8	0.64	4.18	2.68	1.3	0.7	0.49	5.43	2.66
597	"	95	1.8	0.9	0.81	7.52	6.09	1.8	1.0	1.00	7.52	7.52
601	10/7/61	98	1.6	0.8	0.64	6.69	4.28	2.2	0.9	0.81	9.20	7.45

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
606	10/7/61	85	1.4	0.9	0.81	5.85	4.74	1.6	0.8	0.64	6.69	4.28
607	"	76	1.0	0.5	0.25	4.18	1.04	1.1	0.5	0.25	4.60	1.15
609	"	82	1.0	0.7	0.49	4.18	2.05	1.1	0.6	0.36	4.60	1.66
611	"	92	1.6	1.1	1.21	6.69	8.09	1.9	0.9	0.81	7.94	6.43
612	10/8/61	100	1.9	1.0	1.00	7.94	7.94	2.4	0.9	0.81	10.03	8.12
615	"	80	1.0	0.7	0.49	4.18	2.05	1.5	0.7	0.49	6.27	3.07
616	3/25/62	86	2.7	2.2	4.84	11.29	54.64	2.7	2.0	4.00	11.29	45.16
617	"	85	2.5	2.2	4.84	10.45	50.58	2.5	2.0	4.00	10.45	41.80
618	4/14/62	77	3.1	2.3	5.29	12.96	68.56	3.1	2.3	5.29	12.96	68.56
620	"	98	3.7	2.6	6.76	15.47	104.58	3.9	2.7	7.29	16.30	118.83
623	"	93	4.4	2.6	6.76	18.39	124.32	3.7	2.8	7.84	15.47	121.28
624	"	69	0.7	0.7	0.49	2.93	1.44	1.0	0.7	0.49	4.18	2.05
628	"	77	2.6	2.2	4.84	10.87	52.61	2.6	2.1	4.41	10.87	47.94
631	"	76	2.7	1.9	3.61	11.29	40.76	3.0	2.7	7.29	12.54	91.42
632	5/13/62	104	—	—	—	—	—	4.1	2.5	6.25	17.14	107.12
633	"	106	3.9	3.1	9.61	16.30	156.64	4.3	3.0	9.00	17.97	161.73

Species UMA NOTATA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
634	5/13/62	107	3.7	3.5	12.25	15.47	189.51	4.0	3.7	13.69	16.72	228.90
635	"	111	4.1	3.4	11.56	17.14	198.14	4.6	3.0	9.00	19.23	173.07
636	"	79	1.0	0.6	0.36	4.18	1.50	1.1	0.6	0.36	4.60	1.66
640	"	101	3.7	3.5	12.25	15.47	189.51	3.7	3.5	12.25	15.47	189.51
641	"	100	3.4	3.0	9.00	14.21	127.89	4.0	2.8	7.84	16.72	131.08
642	"	88	2.7	2.2	4.84	11.29	54.64	3.1	2.2	4.84	12.96	62.73
649	6/13/62	100	3.7	3.3	10.89	15.47	168.47	3.9	3.0	9.00	16.30	146.70
650	"	107	4.1	3.4	11.56	17.14	198.14	4.3	3.4	11.56	17.97	207.73
652	"	98	3.3	2.8	7.84	13.79	108.11	3.9	3.1	9.61	16.30	156.64
653	"	79	2.7	2.5	6.25	11.29	70.56	3.2	2.4	5.76	13.38	77.07
663	6/14/62	105	3.1	2.6	6.76	12.96	87.61	3.4	2.6	6.76	14.21	96.06
664	"	81	1.2	0.9	0.81	5.02	4.07	1.5	0.9	0.81	6.27	5.08
665	7/19/62	98	3.0	2.2	4.84	12.54	60.69	2.9	2.2	4.84	12.12	58.66
668	"	94	2.6	2.4	5.76	10.87	62.61	3.1	2.5	6.25	12.96	81.00
669	"	102	3.0	2.5	6.25	12.54	78.38	3.2	2.5	6.25	13.38	83.62
671	"	102	2.8	2.4	5.76	11.70	67.39	3.4	2.4	5.76	14.21	81.85

Species UMA NOTATA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
672	7/19/62	103	3.2	2.6	6.76	13,38	90.45	3.1	2.4	5.76	12.96	74.65
673	"	83	1.3	0.9	0.81	5.43	4.40	1.6	0.9	0.81	6.69	5.42
675	"	103	2.9	2.5	6.25	12.12	75.75	2.9	2.2	4.84	12.12	58.66
676	"	87	2.8	2.4	5.76	11.70	67.39	3.0	2.2	4,84	12.54	60.69
679	"	105	3.1	2.6	6.76	12.96	87.61	3.6	2.3	5.29	15.05	79.61
680	"	98	2.5	2.3	5.29	10.45	55.28	2.5	2.1	4.41	10.45	46.08
681	7/20/62	98	3.2	2.8	7.84	13.38	104.90	3.7	2.4	5,76	15.47	89.11
683	"	79	2.1	1.7	2.89	8.78	25.37	2.8	1.8	3.24	11.70	37.91
684	"	90	2.8	2.5	6.25	11.70	73.12	2.8	2.1	4,41	11.70	51.60
686	"	97	3.1	2.4	5.76	12.96	74.65	3.2	2.2	4.84	13.38	64.76
687	"	90	3.0	2.4	5.76	12.54	72.23	3.2	2.2	4.84	13.38	64.76
688	7/21/62	112	3.6	2.8	7.84	15.05	117.99	4.0	2.8	7.84	16.72	131.08
689	8/4/62	86	2.9	2.2	4.84	12.12	58.66	2.8	2.2	4.84	11.70	56.63
694	8/5/62	89	2.7	2.3	5.29	11.29	59.72	2.8	2.0	4.00	11.70	46.80
695	8/10/62	102	3.0	2.8	7.84	12.54	98.31	3.3	2.7	7.29	13.79	100.53
696	"	94	2.8	2.4	5.76	11.70	67.39	3.2	2.2	4.84	13.38	64.76

Species UMA NOTATA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
698	8/10/62	97	2.6	2.4	5.76	10.87	62.61	3.2	2.2	4.84	13.38	64.76
702	"	102	3.1	2.6	6.76	12.96	87.61	3.4	2.2	4.84	14.21	68.78
703	"	94	2.5	2.0	4.00	10.45	41.80	2.9	1.9	3.61	12.12	43.75
704	"	103	2.9	2.2	4.84	12.12	58.66	3.0	2.1	4.41	12.54	55.30
705	8/11/62	97	2.1	1.5	2.25	8.78	19.76	2.2	1.6	2.56	9.20	23.55
706	"	98	2.4	1.8	3.24	10.03	32.50	2.6	2.2	4.84	10.87	52.61
708	"	94	3.0	2.3	5.29	12.54	66.34	3.0	2.4	5.76	12.54	72.23
709	"	78	0.9	0.6	0.36	3.76	1.35	1.0	0.6	0.36	4.18	1.50
710	"	102	1.9	1.3	1.69	7.94	13.42	1.9	1.4	1.96	7.94	15.56
711	"	98	3.1	2.5	6.25	12.96	81.00	3.7	2.3	5.29	15.47	81.84
715	9/15/62	79	1.0	0.6	0.36	4.18	1.50	1.2	0.6	0.36	5.02	1.81
716	"	95	1.7	1.0	1.00	7.11	7.11	1.9	1.0	1.00	7.94	7.94
720	9/16/62	100	1.5	1.3	1.69	6.27	10.60	2.1	1.4	1.96	8.78	17.21
722	3/25/63	85	3.1	2.5	~~6.25~~	12.96	81.00	3.1	2.2	4.84	12.96	62.73
723	4/11/64	95	3.9	2.8	7.84	16.30		3.6	2.4	5.76	15.05	8

Species UMA NOTATA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)

Species UMA NOTATA (Experimental)

Toe-clip #	Tag.No	Date of ~~Capture~~ Autopsy	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
31	2E	11/24/61	82	4.1	3.3	10.89	17.14	186.65	4.0	3.0	9.0	16.72	150.48
52	3E	12/11/61	83	2.8	2.3	5.29	11.70	61.89	3.1	2.2	4.84	12.96	62.73
14	5E	1/8/62	86	2.2	1.9	3.61	9.20	33.21	2.7	1.9	3.61	11.29	40.76
25	11E	1/31/62	74	1.1	0.7	0.49	4.60	2.25	1.2	0.6	0.36	5.02	1.81
~~28~~	—	~~11/15/61~~	~~60~~	~~0.8~~	~~0.4~~								

Uma scoparia

Una scopata

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
1	1/31/57	60	.7	.5	.25	2.93	.73	.5	.3	.09	2.09	.19
2	2/20/57	44	.5	.3	.09	2.09	.19	.5	.3	.09	2.09	.19
3	"	97	2.3	2.8	7.84	9.61	75.34	2.5	2.5	6.25	10.45	65.31
4	"	48	.7	.3	.09	2.93	.26	.7	.3	.09	2.93	.26
5	"	52	.8	.5	.25	3.34	.83	.7	.5	.25	2.93	.73
6	"	56	.8	.5	.25	3.34	.83	.8	.5	.25	3.34	.83
9	3/13/57	94	2.8	1.8	3.24	11.70	37.91	3.0	2.1	4.41	12.54	55.30
10	"	99	2.5	1.7	2.89	10.45	30.20	2.5	1.7	2.89	10.45	30.20
11	"	107	4.0	2.8	7.84	16.72	131.03	3.7	2.8	7.84	15.47	121.25
12	"	100	3.1	2.5	6.25	12.96	81.00	3.0	2.3	5.29	12.54	66.34
13	"	67	1.0	.6	.36	4.18	1.50	1.0	.6	.36	4.18	1.50
14	"	58	.8	.5	.25	3.34	.83	.8	.5	.25	3.34	.83
18	4/24/57	82	1.2	.8	.64	5.02	3.21	1.3	.7	.49	5.43	2.66
19	"	101	3.5	3.0	9.00	14.63	131.67	4.0	3.1	9.61	16.72	160.68
20	"	100	3.5	3.4	11.56	14.63	164.12	3.6	3.0	9.00	15.05	135.45
21	"	83	2.2	1.2	1.44	9.20	13.25	2.1	1.2	1.44	8.78	18.64

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
22	4/24/59	99	3.6	3.2	10.24	15.05	154.11	4.0	3.0	7.00	16.72	150.48
23	"	54	.8	.4	.16	3.34	.53	.8	.4	.16	3.34	.53
24	"	51	.7	.3	.09	2.93	.26	.7	.3	.09	2.93	.26
25	"	49	.6	.4	.16	2.51	.40	.6	.5	.09	2.51	.22
26	"	49	.6	.3	.09	2.51	.22	0.7	0.3	.09	2.93	.26
37	5/22/59	99	3.1	3.0	9.00	12.96	116.64	3.7	3.2	10.24	15.77	158.41
38	"	87	3.0	2.5	6.25	12.54	80.25	3.0	2.4	5.76	12.54	72.23
39	"	65	.7	.5	.25	2.93	.73	.7	.4	.16	2.93	.47
40	"	93	3.3	2.4	5.76	13.79	79.43	2.7	2.2	7.84	11.29	54.64
43	"	51	.4	.5	.25	1.67	.42	.6	.4	.16	2.51	.40
47	"	70	3.5	2.9	8.41	14.63	123.04	3.8	2.8	7.84	15.88	134.50
48	"	100	4.3	3.7	11.56	17.97	207.73	4.4	3.6	12.96	18.39	238.33
49	"	96	3.6	3.8	7.84	15.05	117.99	3.4	2.7	7.29	14.21	103.59
51	"	104	3.6	3.0	9.00	15.05	135.45	3.9	3.1	9.61	16.30	156.64
52	"	98	3.7	3.2	10.24	15.47	158.41	3.7	3.1	9.61	15.47	148.67
53	4/10/59	97	3.4	2.8	7.84	14.21	111.41	3.5	2.7	7.29	14.63	106.65

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
54	6/10/54	97	1.7	1.0	1.00	7.11	7.11	2.6	1.1	1.21	5.36	16.12
55	"	94	3.3	2.7	5.41	13.77	115.97	3.4	2.7	7.29	14.21	103.59
56	"	99	3.5	3.1	9.61	~~14.63~~ 14.63	140.59	3.7	2.7	7.29	15.47	112.78
57	"	86	1.5	.9	.81	3.43	4.40	1.5	.9	.81	6.27	5.68
58	"	110	3.4	2.7	7.29	14.21	103.59	3.1	2.5	6.25	12.96	81.00
59	"	98	3.1	2.2	4.84	12.96	62.73	3.0	2.6	7.00	12.54	56.16
60	"	97	3.1	3.1	9.61	12.96	124.53	3.7	3.5	16.89	15.47	168.47
61	"	97	2.7	2.2	4.84	11.29	54.64	2.8	3.1	4.41	11.70	51.60
62	"	63	.7	.4	.16	2.93	.47	.8	.4	.16	3.34	.53
63	"	55	.6	.4	.16	2.51	.40	.6	.3	.09	2.51	.22
64	"	52	.6	.4	.16	2.51	.40	.6	.3	.09	2.51	.22
65	"	47	.5	.4	.16	2.09	.33	.6	.3	.09	2.51	.22
66	"	54	.6	.3	.09	2.51	.23	.6	.4	.16	2.51	.40
78	7/21/54	69	.9	.5	.25	3.76	.94	1.0	.4	.16	4.18	.67
81	"	99	2.2	1.6	2.56	7.20	23.55	2.5	1.6	2.56	10.45	26.15
82	"	59	.6	.4	.16	2.51	.40	.7	.4	.16	2.93	.47

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	b	b^2	4.18a	Vol.(mm^3)	Right Testis a	b	b^2	4.18a	Vol(mm^3)
83	7/21/54	99	2.1	1.4	1.96	8.78	17.21	2.2	1.3	1.69	9.20	15.55
84	"	60	.9	.6	.36	3.76	1.35	.8	.5	.25	3.34	.83
87	"	87	1.5	.7	.49	6.27	3.07	1.5	.8	.64	6.27	4.61
89	7/22/54	86	1.5	.7	.49	6.27	3.07	1.9	.8	.64	7.94	5.08
90	"	63	.7	.4	.16	2.93	.77	.8	.4	.16	3.34	.53
92	"	100	2.8	2.1	4.41	11.70	51.60	2.8	1.9	3.61	11.70	42.24
96	"	78	1.9	1.3	1.69	7.94	13.42	1.9	1.5	2.25	7.94	17.86
97	"	62	.8	.5	.25	3.34	.83	.7	.4	.16	2.93	.47
101	"	78	1.1	.5	.25	4.60	1.15	1.2	.6	.36	5.02	1.81
105	"	52	.6	.4	.16	2.51	.40	.6	.4	.16	2.51	.40
107	"	58	.9	.5	.25	3.76	.94	.8	.4	.16	3.34	.53
108	"	98	2.0	1.0	1.00	8.36	8.36	2.1	.9	.81	8.78	7.11
109	"	105	2.2	1.5	2.25	9.20	20.70	2.5	1.4	1.96	10.45	20.48
111	"	99	2.3	1.6	2.56	9.61	24.60	2.3	1.6	2.56	9.61	24.60
114	8/21/54	63	.7	.5	.25	2.93	.73	.7	.5	.25	2.93	.73
115	"	69	.8	.5	.25	3.34	.83	1.2	.6	.36	5.02	1.81

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
116	8/20/57	55	.6	.4	.16	2.51	.70	.6	.4	.16	2.51	.70
117	"	54	.6	.4	.16	2.51	.70	.7	.4	.16	2.73	.77
118	"	55	.5	.3	.09	2.09	.19	.6	.3	.09	2.51	.23
119	"	66	.9	.5	.25	5.76	.94	.9	.5	.25	3.76	.94
120	"	59	.6	.5	.25	2.51	.63	.7	.4	.16	2.93	.47
123	"	113	2.2	1.0	1.00	9.20	9.20	2.1	1.0	1.00	8.78	8.78
131	"	112	1.9	1.3	1.69	7.94	13.42	2.2	1.2	1.44	9.20	13.25
132	"	100	2.3	1.0	1.00	9.61	9.61	1.9	.9	.81	7.94	6.43
133	"	103	1.9	1.2	1.44	7.94	11.43	2.2	1.3	1.69	9.20	15.55
134	"	101	2.2	1.2	1.44	9.20	13.25	2.3	1.2	1.44	9.61	13.84
135	"	98	1.6	1.0	1.00	6.69	6.69	1.9	.9	.81	7.94	6.43
136	"	95	1.8	1.0	1.00	7.52	7.52	1.9	1.0	1.00	7.94	7.94
137	"	59	1.6	.8	.64	6.69	4.28	1.6	.8	.64	6.69	4.28
142	9/10/57	92	1.8	.8	.64	7.52	4.81	1.5	.3	.64	6.27	4.01
145	"	94	1.7	1.0	1.00	7.11	7.11	1.7	1.1	1.21	7.11	8.60
150	9/11/57	89	1.9	.9	.81	7.94	6.43	2.1	.9	.81	8.78	7.11

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
151	9/11/57	100	1.9	1.1	1.21	7.94	9.61	2.2	1.5	2.25 ~~6.37~~	9.20	25.30 ~~27.63~~
153	"	94	1.6	1.3	1.69 ~~5.45~~	6.69	11.31 ~~36.35~~	1.8	1.2	1.44	7.52	10.82
154	"	82	1.0	.7	.49	4.18	2.05	1.3	.7	.49	5.43	2.66
155	"	64	.7	.4	.16	2.93	.47	.8	.4	.16	3.34	.53
157	10/24/57	64	.8	.6	.36	3.34	1.20	.9	.6	.36	3.76	1.35
158	"	73	.9	.6	.36	3.76	1.35	1.0	.6	.36	4.18	1.50
159	"	66	.9	.7	.49	3.76	1.84	1.1	.7	.49	4.60	2.25
161	"	63	1.0	.5	.25	4.18	1.04	.8	.4	.16	3.34	.53
163	"	95	3.3	1.7	2.89 ~~7.48~~	9.61	27.77 ~~69.35~~	2.8	1.7	2.89 ~~7.48~~	11.70	33.81 ~~83.75~~
164	"	100	2.4	1.7	2.89 ~~7.48~~	10.03	28.99 ~~77.35~~	2.3	1.6	2.56 ~~6.07~~	9.61	24.60 ~~67.25~~
165	"	99	2.1	1.8	3.24 ~~7.51~~	8.78	28.45 ~~76.15~~	1.9	1.4	1.96 ~~5.85~~	7.94	15.56 ~~46.75~~
166	"	66	1.0	.7	.49	4.18	2.05	.9	.6	.36	3.76	1.35
167	"	66	.8	.6	.36	3.34	1.20	.9	.5	.25	3.76	.94
170	"	72	1.3	1.0	1.00	5.43	5.43	1.3	1.0	1.00	5.43	5.43
172	"	64	.8	.6	.36	3.34	1.20	.8	.5	.25	3.34	.83
173	"	67	.9	.6	.36	3.76	1.35	.9	.6	.36	3.76	1.35

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
174	10/24/59	91	2.1	1.5	2.25	8.78	14.75	2.2	1.6	2.56	9.20	23.55
175	"	102	2.8	1.6	2.56	8.78	12.43	2.1	1.4	1.96	5.78	17.11
176	"	87	1.5	1.1	1.21	6.27	7.53	1.7	1.1	1.21	7.11	8.60
177	"	70	1.0	.5	.25	4.18	1.04	.9	.6	.36	3.76	1.35
178	"	102	2.4	1.9	3.61	10.03	36.21	2.2	1.6	256	9.20	33.33
179	"	93	2.5	2.0	4.00	10.45	41.80	2.5	1.7	3.61	10.45	37.72
180	"	74	1.1	.7	.49	4.60	2.25	1.0	.7	.49	4.18	2.05
181	"	69	1.0	.7	.49	4.18	2.05	1.0	.7	.49	4.18	2.05
182	"	77	1.4	1.0	1.00	5.85	5.85	1.6	1.2	1.44	6.69	9.63
184	11/14/59	97	2.3	1.7	2.89	9.61	27.77	2.4	1.8	3.24	10.03	32.50
185	3/7/60	73	1.5	1.2	1.44	6.27	9.03	1.6	1.2	1.44	6.69	9.63
187	"	85	2.8	2.4	5.76	11.70	67.34	2.9	2.3	5.29	12.12	64.11
188	"	100	3.0	2.8	7.84	12.54	25.31	3.1	3.6	6.76	12.96	87.61
189	"	66	1.5	1.2	1.44	6.27	9.03	1.6	1.2	1.44	6.69	9.63
190	"	75	2.2	1.4	3.61	9.20	33.21	2.3	1.6	2.56	9.61	24.66
191	"	97	2.8	2.5	6.25	11.70	73.12	3.1	2.5	6.25	12.96	81.00

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
193	5/17/60	69	1.3	1.0	1.00	5.43	5.43	1.4	1.1	1.21	5.85	7.08
197	4/11/60	88	3.5	3.3	10.89	14.63	159.30	4.0	3.0	9.00	16.72	150.45
198	4/19/60	63	.9	.6	.36	3.76	1.35	.8	.4	.16	3.34	.53
199	"	105	4.1	3.7	13.69	17.14	234.65	3.8	3.4	11.56	15.88	183.57
200	4/21/60	107	4.5	3.5	12.25	18.81	230.49	5.5	3.6	9.00	22.99	206.91
202	"	105	4.9	4.2	17.64	20.48	361.27	5.3	4.0	16.00	22.15	354.40
204	"	94	4.4	4.1	16.81	18.39	309.14	4.6	3.9	15.21	19.23	311.97
205	"	92	4.1	3.6	12.96	17.14	222.13	4.3	3.3	10.89	17.97	195.60
206	"	108	4.7	4.3	18.49	19.65	363.33	5.3	4.0	16.00	22.15	354.40
207	"	97	3.9	3.4	11.56	16.30	188.43	4.3	3.5	12.25	17.97	226.13
208	"	108	5.2	4.4	19.36	21.74	420.89	5.7	4.4	19.36	23.83	461.35
209	"	99	4.1	4.2	17.64	20.48	361.27	5.5	3.9	15.21	22.99	349.68
210	"	103	4.6	4.3	18.49	19.23	355.56	5.5	4.3	18.49	22.99	424.63
212	"	106	5.3	4.6	21.16	22.15	468.67	6.4	4.3	18.49	27.59	510.14
214	"	86	3.5	3.4	11.56	14.63	169.12	4.0	3.4	11.56	16.72	193.38
215	"	102	4.6	4.3	18.49	19.23	355.56	5.1	4.0	16.00	21.32	341.12
216	5/21/60	100	4.6	4.3	18.49	19.23	355.56	4.3	3.7	13.69	17.97	246.01

Species _____

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
217	5/22/60	102	4.1	3.5	12.25	17.14	209.96	4.6	3.7	11.56	19.23	234.36
219	"	104	4.3	3.6	12.96	17.97	232.87	4.3	3.4	11.56	17.97	232.73
221	"	109	4.9	4.7	22.09	20.48	452.46	5.4	4.1	16.81	22.57	379.16
224	"	108	4.8	4.3	18.49	20.06	376.91	4.4	3.8	14.44	18.39	265.55
225	"	104	4.5	4.3	15.49	18.81	347.86	4.6	3.7	13.69	19.25	263.96
226	"	109	4.8	4.2	17.64	20.06	352.86	4.9	4.2	17.64	20.48	361.39
228	"	103	4.6	4.2	17.64	19.23	339.22	5.3	3.9	15.21	22.15	336.96
231	"	102	4.0	3.8	14.44	16.72	241.44	4.3	3.5	12.25	17.97	220.15
233	"	104	4.8	4.3	18.49	20.06	376.91	4.9	4.3	18.49	20.48	378.69
234	"	102	4.8	4.4	19.36	20.06	385.36	4.8	4.0	16.00	20.06	320.96
237	"	71	1.6	1.2	1.44	6.69	9.63	1.7	1.0	1.00	7.11	7.11
239	"	108	4.9	4.3	18.49	20.48	378.67	5.1	4.0	16.00	21.32	341.12
240	"	110	5.1	4.9	24.01	21.32	511.87	5.5	4.6	21.16	22.99	486.47
242	"	101	3.9	3.4	11.56	16.30	188.43	4.3	3.3	10.89	17.97	195.69
245	"	109	4.5	4.0	16.00	18.81	300.96	4.9	3.9	15.21	20.48	311.52
250	6/11/60	107	3.9	3.1	9.61	16.30	156.69	4.0	3.3	10.89	16.72	182.05

Species _____

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
251	6/11/60	102	4.3	3.6	12.96	17.97	232.89	4.4	3.6	12.96	15.34	~~238.15~~
252	"	87	3.4	3.1	9.61	14.21	136.56	4.6	3.7	7.29	16.72	121.89
254	"	89	3.6	3.0	9.00	15.05	135.45	3.1	2.6	6.76	12.96	87.61
255	"	103	3.6	3.4	11.56	15.05	173.83	4.3	3.3	10.89	17.97	195.69
256	"	107	4.1	3.8	14.44	17.14	247.50	4.8	3.5	12.25	20.06	245.73
261	"	110	4.7	4.6	21.16	19.65	415.79	5.1	4.0	16.00	21.32	~~341.12~~
265	"	105	4.1	3.8	14.44	17.14	247.50	4.2	3.5	12.25	17.56	220.13
266	"	111	4.3	3.7	13.69	17.97	246.01	4.6	3.6	12.96	19.23	~~249.12~~
271	7/15/60	95	2.5	2.0	4.00	10.45	41.80	2.8	1.9	3.61	11.70	42.24
272	"	100	2.2	1.6	2.56	9.20	23.55	2.5	1.7	2.89	10.45	30.20
275	"	97	3.6	2.2	4.84	10.87	52.61	2.6	2.2	4.84	10.87	52.61
282	7/18/60	106	3.1	3.0	9.00	12.96	116.64	3.3	2.4	5.76	13.79	79.43
285	"	107	3.3	3.0	9.00	13.79	124.11	3.3	3.0	9.00	13.79	124.11
287	"	112	3.5	3.3	10.89	14.63	159.32	3.5	3.1	9.61	14.63	140.59
289	7/20/60	90	.4	.7	.49	5.85	2.87	1.5	.7	.49	6.27	3.07
290	"	92	1.6	1.1	1.21	6.69	8.03	1.9	1.0	1.00	7.94	7.94

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
291	x/10/66	103	2.7	1.7	2.89	11.27	32.63	3.9	1.6	2.56	12.12	31.03
292	"	98	1.7	1.2	1.44	7.11	10.24	1.6	1.1	1.21	6.69	8.09
294	"	108	2.5	1.9	3.61	10.45	37.72	2.5	1.6	2.56	10.45	26.75
298	"	96	1.8	1.2	1.44	7.52	10.83	2.2	1.2	1.44	9.20	13.25
299	"	102	2.2	1.3	1.69	9.20	15.55	2.4	1.5	2.25	10.03	22.57
303	"	108	2.2	1.9	3.61	9.20	33.21	3.1	1.7	2.89	12.96	37.45
306	"	90	1.3	.5	.25	5.43	1.36	1.7	.5	.25	7.11	1.78
309	"	97	1.7	1.3	1.69	7.11	12.01	1.9	1.2	1.44	7.94	11.43
310	"	107	2.3	1.7	2.89	9.61	27.77	2.5	1.6	2.56	10.45	26.75
311	"	102	1.7	1.2	1.44	7.11	10.24	1.9	1.2	1.44	7.94	11.43
312	"	100	2.2	1.5	2.25	9.20	20.70	2.6	1.3	1.69	8.36	14.13
313	"	96	1.7	1.0	1.00	7.11	7.11	1.9	1.3	1.69	7.94	13.42
314	"	101	2.2	1.3	1.69	9.25	15.55	1.9	1.3	1.69	7.94	13.42
315	9/10/66	105	1.9	1.5	2.25	7.94	17.86	2.1	1.5	2.25	8.78	19.75
316	"	102	1.9	1.3	1.69	7.94	13.42	2.3	1.4	1.96	9.61	18.83
323	"	94	1.6	1.2	1.44	6.69	9.63	2.2	1.4	1.96	9.20	18.03

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	b	b^2	4.18a	Vol.(mm^3)	Right Testis a	b	b^2	4.18a	Vol(mm^3)
324	9/11/60	99	2.0	1.3	1.69	8.36	14.13	2.1	1.3	1.69	8.78	14.84
325	"	95	2.1	.9	.81	8.78	7.11	1.9	1.0	1.00	7.94	7.94
330	10/16/60	102	2.1	1.5	2.25	8.78	19.75	1.9	1.3	1.69	7.94	13.42
331	"	103	2.3	1.8	3.24	9.61	31.14	2.6	1.5	2.25	10.87	24.46
338	4/5/61	98	3.1	2.7	8.41	12.96	108.99	3.6	2.6	6.76	15.05	101.74
339	"	102	3.4	2.8	7.84	14.21	111.41	3.4	2.6	6.76	14.21	96.06
341	"	96	3.1	2.4	5.76	12.96	74.65	3.4	2.4	5.76	14.21	81.85
343	8/11/60	96	3.7	3.7	13.69	15.47	211.78	4.0	3.2	10.24	16.72	171.21
344	"	85	3.2	2.5	6.25	13.38	83.62	3.4	2.4	5.76	14.21	81.85
345	"	96	2.4	1.9	3.61	10.03	36.21	2.8	1.7	3.61	11.70	42.24
350	5/6/61	107	2.4	3.0	9.00	10.03	90.27	3.6	2.7	7.29	15.05	109.71
351	"	100	3.8	3.4	11.56	15.88	183.57	3.7	2.7	7.29	15.47	112.78
352	"	98	3.6	3.4	11.56	15.05	173.98	4.0	2.3	7.84	16.72	131.08
353	"	102	3.8	3.6	12.96	15.88	205.80	4.1	3.0	9.00	17.14	154.26
354	"	105	3.2	2.8	7.84	13.38	104.90	3.5	2.5	6.25	14.63	91.44
355	"	99	3.5	3.4	11.56	14.63	169.12	3.6	2.8	7.84	15.05	117.99

Species UMA SCOPARIA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
356	5/16/61	103	~1	3.6	~2.96	19.17	222.13	3.9	3.1	9.61	~~16.30~~	156.64
357	"	112	3.7	3.7	13.69	15.47	211.78	4.0	3.0	9.00	16.72	150.48
358	"	95	3.7	3.2	10.24	15.47	158.41	3.6	2.9	8.41	15.05	126.57
359	"	99	3.1	2.9	8.41	12.96	108.99	3.4	2.5	6.25	14.21	88.81
360	"	103	3.9	3.1	9.61	16.30	156.64	4.3	3.2	10.24	17.97	184.01
361	"	96	1.9	1.3	1.69	7.94	13.42	3.1	1.3	1.69	5.73	14.84
362	"	98	3.4	3.2	10.24	14.21	145.51	3.6	2.8	7.84	15.05	117.99
363	"	102	3.6	2.9	8.41	15.05	126.57	3.4	2.5	6.25	14.21	88.81
364	"	104	3.7	3.2	10.24	15.47	158.41	3.4	2.9	8.41	14.21	119.51
381	6/15/61	101	1.7	1.3	1.69	7.44	13.42	2.5	1.7	3.61	10.45	37.72
382	"	83	1.6	.7	.49	6.69	3.28	1.7	.7	.49	7.94	3.89
388	6/16/61	78	3.0	2.3	5.29	12.54	66.34	3.0	2.2	4.84	12.54	60.69
389	"	101	3.3	2.8	7.84	10.89	85.38	3.7	2.5	6.25	14.21	88.81
392	"	101	3.4	2.8	7.84	11.56	90.63	3.4	2.6	6.76	14.21	96.06
393	"	102	2.8	1.9	3.61	11.70	42.24	3.5	2.6	6.76	14.63	98.90
395	7/18/61	104	2.2	1.0	1.00	9.20	9.20	2.0	1.0	1.00	8.36	8.36

Species UMA SCOPARIA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
396	7/18/61	92	1.5	.8	.64	6.27	4.01	1.9	.8	.64	7.94	5.08
397	"	105	3.0	2.1	4.41	12.54	55.30	2.8	2.1	4.41	11.70	51.60
399	"	103	1.9	1.3	1.69	7.94	13.42	2.2	1.3	1.69	9.20	15.55
403	"	110	2.6	1.6	2.56	10.87	27.83	2.5	1.6	2.56	10.45	26.75
404	"	93	1.7	1.0	1.00	7.11	7.11	1.9	1.1	1.21	7.94	9.61
405	"	92	1.6	1.0	1.00	6.69	6.69	1.6	1.0	1.00	6.69	6.69
408	8/15/61	103	1.6	1.2	1.44	6.69	9.63	1.7	1.0	1.00	7.94	7.94
411	"	77	1.2	.7	.49	5.02	2.05	1.1	.7	.49	4.60	2.25
412	"	74	1.2	.7	.49	5.02	2.05	1.3	.7	.49	5.43	2.66
414	"	96	2.0	1.0	1.00	8.36	8.36	2.0	1.0	1.00	8.36	8.36
415	"	96	2.2	1.1	1.21	9.19	9.61	2.2	1.6	2.56	9.19	28.90
416	"	93	1.8	1.0	1.00	7.52	6.69	1.8	1.0	1.00	7.52	7.52
417	"	103	2.2	1.3	1.69	9.20	15.55	2.2	1.5	2.25	9.20	15.55
418	"	105	2.0	1.5	2.25	8.36	18.81	2.0	1.5	2.25	8.36	18.81
419	"	92	1.8	1.5	2.25	7.52	12.71	2.2	1.1	1.21	9.19	11.13
420	"	97	1.9	1.1	1.21	7.94	20.33	2.0	1.6	2.56	8.36	25.68

Species UMA SCOPARIA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
426	9/14/61	73	1.2	0.6	0.36	5.02	1.81	1.2	0.6	0.36	5.02	1.81
428	"	83	1.7	1.0	1.00	7.11	7.11	1.6	1.0	1.00	6.69	6.69
429	"	93	1.9	1.3	1.69	7.94	13.42	2.1	1.1	1.21	8.78	10.62
430	"	99	2.0	1.2	1.44	8.36	12.04	2.1	1.3	1.69	8.78	14.84
434	9/30/61	104	2.3	1.9	3.61	9.61	34.69	2.8	1.9	3.61	11.70	42.24
435	10/12/61	103	1.9	1.0	1.00	7.94	7.94	2.0	1.1	1.21	8.36	10.12
436	"	78	1.0	0.7	0.49	4.18	2.05	1.0	0.7	0.49	4.18	2.05
437	"	82	1.3	1.1	1.21	5.43	6.57	1.6	1.1	1.21	6.69	8.09
444	"	76	1.2	0.7	0.49	5.02	2.46	1.4	0.9	0.81	5.85	4.74
445	"	84	2.2	1.7	2.89	9.20	26.59	2.2	1.5	2.25	9.20	20.70
446	"	102	2.1	1.5	2.25	8.78	19.76	2.2	1.5	2.25	9.20	20.70
447	"	95	1.9	1.3	1.69	7.94	13.42	2.2	1.6	2.56	9.20	23.55
448	"	85	1.6	1.1	1.21	6.69	8.09	1.9	1.3	1.69	7.94	13.42
449	"	81	1.6	0.9	0.81	6.69	5.42	1.5	1.0	1.00	6.27	6.27
450	"	86	1.6	1.0	1.00	6.69	6.69	1.7	1.0	1.00	7.11	7.11
451	"	79	1.5	1.1	1.21	6.27	7.59	1.7	1.0	1.00	7.11	7.11

Species UMA SCOPARIA .

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
452	10/12/61	85	2.0	1.8	3.24	8.36	27.09	1.9	1.6	2.56	7.94	20.33
453	"	100	2.1	1.3	1.69	8.78	14.84	2.2	1.2	1.44	9.20	13.25
454	"	81	1.3	0.9	0.81	5.43	4.40	1.4	0.9	0.81	5.85	4.74
455	"	75	1.4	1.1	1.21	5.85	7.08	1.5	1.1	1.21	6.27	7.59
458	"	108	1.6	1.5	2.25	6.69	15.05	1.7	1.3	1.69	7.11	12.02
459	"	83	2.7	1.9	3.61	11.29	40.76	2.8	1.7	2.89	11.70	33.81
460	4/23/62	80	2.7	2.5	6.25	11.29	70.56	2.9	2.2	4.84	12.12	58.66
464	"	106	4.1	3.4	11.56	17.14	198.14	4.3	3.7	13.69	17.97	246.01
466	"	102	4.0	3.7	13.69	16.72	228.90	4.1	3.4	11.56	17.14	198.14
467	"	97	3.7	3.2	10.24	15.47	158.41	3.7	3.1	9.61	15.47	148.67
468	"	97	3.4	3.0	9.00	14.21	127.89	3.6	3.0	9.00	15.05	135.45
469	"	90	3.7	2.8	7.84	15.47	121.28	3.9	2.6	6.76	16.30	110.19
471	"	83	2.3	1.9	3.61	9.61	34.69	2.2	1.6	2.56	9.20	23.55
472	"	82	2.5	2.4	5.76	10.45	60.19	2.9	2.2	4.84	12.12	58.66
474	"	92	3.7	3.4	11.56	15.47	178.83	3.7	3.0	9.0	15.47	139.23
476	"	85	3.4	2.9	8.41	14.21	119.50	3.4	2.6	6.76	14.21	96.06

Species UMA SCOPARIA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
477	5/6/62	70	0.8	0.4	0.16	3.34	0.53	1.0	0.4	0.16	4.18	0.67
478	"	97	3.9	3.7	13.69	16.30	223.15	3.7	3.6	12.96	15.47	200.49
479	"	103	3.8	3.1	9.61	15.88	152.61	4.2	3.1	9.61	17.56	168.75
483	"	102	4.3	3.5	12.25	17.97	220.13	4.6	3.6	12.96	19.23	249.22
484	"	97	4.0	3.4	11.56	16.72	193.28	4.2	3.4	11.56	17.56	202.99
485	"	100	4.0	3.4	11.56	16.72	193.28	4.2	3.4	11.56	17.56	202.99
489	"	102	3.7	3.4	11.56	15.47	178.83	4.6	3.6	12.96	19.23	249.22
491	"	103	4.1	3.9	15.21	17.14	260.70	4.0	3.6	12.96	16.72	216.69
492	"	104	4.4	3.7	13.69	18.39	251.76	4.5	3.6	12.96	18.81	243.78
495	"	103	4.3	4.0	16.00	17.97	287.52	4.6	3.7	13.69	19.23	263.26
500	"	101	3.7	3.1	9.61	15.47	148.66	3.8	3.4	11.56	15.88	183.57
502	"	84	2.8	2.8	7.84	11.70	91.73	2.9	2.5	6.25	12.12	75.75
503	"	83	2.3	2.2	4.84	9.61	46.51	2.6	1.9	3.61	10.87	39.24
504	"	90	3.5	2.8	7.84	14.63	114.70	3.6	2.7	7.29	15.05	109.71
506	6/5/62	97	2.8	2.8	7.84	11.70	91.73	3.2	2.8	7.84	13.38	104.90
511	"	106	4.1	3.7	13.69	17.14	234.65	4.1	3.7	13.69	17.14	234.65

Species UMA SCOPARIA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
512	6/5/62	80	1.4	0.7	0.49	5.85	2.87	1.5	0.7	0.49	6.27	3.07
513	"	79	1.3	1.1	1.21	5.43	6.57	1.3	1.0	1.00	5.43	5.43
514	"	111	3.4	3.0	9.00	14.21	127.89	3.5	2.7	7.29	14.63	106.65
515	"	81	1.2	0.8	0.64	5.02	3.21	1.4	0.7	0.49	5.85	2.87
516	"	98	3.4	2.6	6.76	14.21	96.06	3.4	2.8	7.84	14.21	111.41
517	"	85	1.2	0.8	0.64	5.02	3.21	1.5	0.9	0.81	6.27	5.08
518	"	93	2.5	2.2	4.84	10.45	50.58	2.9	2.3	5.29	12.12	64.11
519	"	97	2.8	2.3	5.29	11.70	61.89	3.4	2.1	4.41	14.21	62.67
520	"	104	2.8	2.2	4.84	11.70	56.63	3.0	2.0	4.00	12.54	50.16
521	"	78	1.2	0.8	0.64	5.02	3.21	1.2	0.7	0.49	5.02	2.46
522	"	86	3.0	2.5	6.25	12.54	78.38	3.1	2.4	5.76	12.96	74.65
523	"	102	3.4	2.8	7.84	14.21	111.41	3.7	2.7	7.29	15.47	112.78
524	"	99	3.4	2.8	7.84	14.21	111.41	3.5	2.8	7.84	14.63	114.70
525	"	89	3.1	2.8	7.84	12.96	101.60	3.3	2.5	6.25	13.79	86.19
529	7/17/62	93	1.5	1.0	1.00	6.27	6.27	1.6	1.1	1.21	6.69	8.09
531	"	82	0.9	0.6	0.36	3.76	1.35	1.1	0.7	0.49	4.60	2.25

Species _____

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
535	7/17/62	88	1.3	0.6	0.36	5.43	1.95	1.3	0.7	0.49	5.43	2.66
536	"	85	1.3	1.0	1.00	5.43	5.43	1.6	0.8	0.64	6.69	4.28
537	"	80	0.9	0.7	0.49	3.76	1.84	1.1	0.6	0.36	4.60	1.66
539	"	83	0.9	0.6	0.36	3.76	1.35	1.3	0.7	0.49	5.43	2.66
541	"	95	1.7	1.2	1.44	7.11	10.24	2.1	1.2	1.44	8.78	12.64
542	"	87	1.3	1.1	1.21	5.43	6.57	1.5	1.0	1.00	6.27	6.27
543	"	100	2.1	1.5	2.25	8.78	19.75	2.6	1.6	2.56	10.87	27.83
545	"	90	2.2	2.1	4.41	9.20	40.57	2.1	2.0	4.00	8.78	35.12
546	"	98	2.8	2.0	4.00	11.70	46.80	2.7	1.9	3.61	11.29	40.76
549	"	82	1.0	0.7	0.49	4.18	2.05	1.3	0.7	0.49	5.43	2.66
551	8/10/62	80	1.2	0.7	0.49	5.02	2.46	1.9	0.7	0.49	7.94	3.89
560	"	89	1.4	1.1	1.21	5.85	7.08	1.6	1.0	1.00	6.69	6.69
561	"	80	1.1	0.9	0.81	4.60	3.73	1.5	0.9	0.81	6.27	5.08
562	"	84	1.5	1.0	1.00	6.27	6.27	1.8	1.0	1.00	7.52	7.52
566	"	92	1.5	1.1	1.21	6.27	7.59	1.8	1.0	1.00	7.52	7.52
568	"	81	1.0	0.6	0.36	4.18	1.50	1.2	0.6	0.36	5.02	1.81

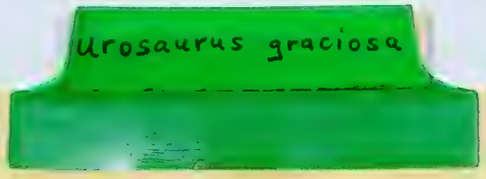
Species UMA SCOPARIA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
569	8/10/62	96	1.6	1.1	1.21	6.69	8.09	2.1	1.1	1.21	8.78	10.62
570	"	89	1.6	0.9	0.81	6.69	5.42	1.5	0.9	0.81	6.27	5.08
571	"	98	2.1	1.3	1.69	8.78	14.84	2.3	1.4	1.96	9.61	18.84
576	9/11/62	87	1.5	1.0	1.00	6.27	6.27	1.5	1.0	1.00	6.27	6.27
578	"	110	2.2	1.5	2.25	9.20	20.70	2.2	1.6	2.56	9.20	23.55
579	5/5/63	100	4.3	3.7	13.69	17.97	246.01	4.7	3.7	13.69	19.65	269.01

Species UMA SCOPARIA (Experimental)

# Toe-clip	Tag No	Date of ~~Capture~~ Autopsy	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
16	2	1/1/62	64	1.8	1.0	1.00	7.52	7.52	1.8	1.0	1.00	7.52	7.52
33	4	2/19/62	68	0.9	0.5	0.25	3.76	0.94	0.8	0.5	0.25	3.34	0.84
192	7	2/28/62	69	0.8	0.6	0.36	3.34	1.20	0.8	0.5	0.25	3.34	0.84
23	8	2/28/62	80	2.0	1.8	3.24	8.36	27.09	2.1	1.8	3.24	8.78	28.45
28	—	11/15/61	60	0.8	0.4	0.16	3.34	0.53	0.7	0.4	0.16	2.93	0.50

Urosaurus graciosa


Urosaurus graciosa

Species UROSAURUS GRACIOSA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
1	8/20/58	56	2.2	1.1	1.21	9.20	11.13	1.5	1.2	1.44	6.27	9.03
2	"	56	2.2	1.1	1.21	9.20	11.13	1.5	1.1	1.21	6.69	8.09
3	10/31/58	46	1.4	.7	.49	5.85	2.87	1.1	.9	.81	4.60	3.73
4	"	53	1.9	1.1	1.21	7.94	9.61	1.5	1.1	1.21	6.27	7.59
6	12/17/58	57	1.9	1.2	1.44	7.94	11.43	1.7	1.2	1.44	7.11	10.24
7	3/21/59	62	2.6	1.5	2.25	16.87	24.46	2.6	1.5	2.25	10.87	24.46
8	"	55	1.9	1.1	1.21	7.94	9.61	1.5	1.0	1.00	6.27	6.27
9	"	64	2.5	1.9	3.61	10.45	37.72	2.5	1.7	2.89	10.45	30.20
10	"	56	2.3	1.6	2.56	9.61	24.60	2.1	1.6	2.56	8.78	22.48
11	"	62	2.0	1.5	2.25	8.36	18.81	2.2	1.8	3.24	9.20	29.81
12	"	38	.5	2	.04	2.09	.08	.5	.2	.04	2.09	.08
17	4/24/59	49	1.8	1.0	1.00	7.52	7.52	1.5	1.0	1.00	7.52	7.52
18	7/25/59	50	2.3	1.4	1.96	9.61	18.83	2.2	1.2	1.44	9.20	13.25
19	"	50	2.4	1.5	2.25	10.03	22.57	2.2	1.4	1.96	9.20	18.03
20	"	48	2.1	1.4	1.96	8.78	17.21	2.0	1.5	2.25	8.36	18.81
21		50	1.6	1.0	1.00	6.69	6.69	1.5	1.2	1.44	6.27	9.03

Species UROSAURUS GRACIOSA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
23	4/25/57	59	2.5	1.7	2.89	10.45	30.20	2.3	1.7	2.89	9.61	27.77
24	"	56	3.2	1.3	1.69	9.20	15.55	1.9	1.4	1.96	7.94	15.56
26	6/10/57	51	1.9	1.0	1.00	7.94	7.94	1.5	1.0	1.00	6.27	6.27
27	6/11/57	54	3.6	1.3	1.69	5.36	14.13	1.7	1.4	1.96	7.11	13.94
29	"	56	2.1	1.3	1.69	8.78	14.84	2.0	1.4	1.96	8.36	16.39
31	"	56	2.2	1.4	1.96	9.20	18.03	2.1	1.4	1.96	8.78	17.21
32	6/12/57	44	2.1	1.3	1.69	8.78	14.84	1.7	1.3	1.69	7.11	12.02
36	8/19/57	58	2.3	1.2	1.44	9.61	13.84	1.9	1.0	1.00	7.94	7.94
39	"	57	2.4	1.5	2.25	10.03	22.57	2.0	1.4	1.96	8.36	16.39
40	8/20/57	50	1.4	.7	.49	5.85	2.87	1.3	.8	.64	5.43	3.47
41	"	53	2.6	1.2	1.44	8.36	12.04	1.7	1.3	1.69	7.11	12.02
42	"	50	1.5	.6	.36	6.27	2.26	1.1	.6	.36	4.60	1.66
44	"	51	1.3	.8	.64	5.43	3.47	1.5	.7	.49	6.27	3.07
45	8/23/57	47	1.3	.7	.49	5.43	2.66	1.3	.8	.64	5.43	3.47
46	"	56	1.8	1.0	1.00	7.52	7.52	1.3	.9	.81	5.43	4.40
47	"	43	.7	.4	.16	2.93	.47	.7	.4	.16	2.93	.47

Species UROSAURUS GRACIOSA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	b	b^2	4.18a	Vol.(mm^3)	Right Testis a	b	b^2	4.18a	Vol(mm^3)
48	8/31/59	53	1.4	.7	.49	5.85	2.87	1.3	.8	.64	5.43	3.47
49	9/9/59	50	.8	.5	.25	3.34	.83	.9	.5	.25	3.76	.94
50	9/10/59	57	1.5	.6	.36	6.27	2.26	1.2	.8	.64	5.02	3.21
51	"	56	1.2	.8	.64	5.02	3.21	1.1	.8	.64	4.60	2.94
52	"	58	1.0	.7	.49	4.18	2.05	1.4	.8	.64	5.85	3.74
55	"	53	1.5	.7	.49	6.27	3.07	1.3	.8	.64	5.43	3.47
57	"	61	1.8	.7	.49	7.52	3.68	1.5	.8	.64	6.27	4.01
58	"	53	1.6	.6	.36	6.69	2.41	1.4	.8	.64	5.85	3.74
59	"	48	.8	.5	.25	3.34	.83	.9	.5	.25	3.76	.94
60	9/11/59	50	1.7	.7	.49	7.11	3.48	1.7	.8	.64	7.11	4.55
62	11/15/59	53	1.6	1.2	1.44	6.69	9.63	1.6	1.1	1.21	6.69	8.09
65	2/16/60	61	2.2	1.6	2.56	9.20	23.55	1.4	2.0	4.00	5.85	23.40
66	"	58	1.6	2.3	5.29	6.69	35.39	2.2	1.6	2.56	9.20	23.55
67	"	47	1.6	1.2	1.44	6.69	9.63	1.6	1.2	1.44	6.69	9.63
69	"	63	2.2	1.3	1.69	9.20	15.55	2.1	1.2	1.44	8.78	12.64 ~~15.64~~
70	"	53	2.0	1.3	1.69	8.36	14.13	1.8	1.3	1.69	7.52	12.71

Species UROSAURUS GRACIOSA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
71	3/8/66	59	3.1	1.9	3.61	12.96	46.79	2.9	1.9	3.61	12.12	43.75
75	"	58	3.1	2.4	5.76	12.96	74.65	2.5	2.2	4.84	11.70	56.63
77	"	59	2.5	1.8	3.24	10.45	33.86	2.2	1.7	2.89	9.20	26.59
79	"	48	1.9	1.3	1.69	7.94	13.42	2.0	1.3	1.69	8.36	14.13
80	"	57	2.9	1.8	3.24	12.12	39.27	2.6	1.7	2.89	10.87	31.41
81	"	60	3.1	1.9	3.61	12.96	46.78	2.5	1.8	3.24	10.45	33.86
82	"	57	2.7	1.6	2.56	11.29	28.90	2.2	1.6	2.56	9.20	23.55
83	"	59	2.9	1.8	3.24	12.12	39.27	2.5	1.7	2.89	10.45	30.20
85	"	58	2.6	2.0	4.00	10.87	43.48	2.5	2.0	4.00	10.45	41.80
86	"	58	2.5	1.7	2.89	10.45	30.20	2.2	1.6	2.56	9.20	23.55
87	"	54	1.6	1.2	1.44	6.69	9.63	1.6	1.5	1.69	6.69	11.31
89	4/13/66	60	2.6	2.0	4.00	10.87	43.48	2.5	2.1	4.41	10.45	46.08
90	"	61	2.8	2.0	4.00	11.70	46.80	2.8	2.2	4.84	11.70	56.63
93	"	36	.5	.2	.04	2.09	.08	.4	.2	.04	1.67	.07
98	4/21/66	53	2.4	1.9	3.61	10.03	36.21	2.2	1.9	3.61	9.20	33.21
94	"	52	2.5	1.8	3.24	10.45	33.86	2.4	1.7	2.89	10.03	28.99

Species UROSAURUS GRACIOSA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
100	4/21/60	52	2.7	2.0	4.00	11.29	45.16	2.5	1.9	3.61	10.45	37.72
101	"	50	2.5	1.7	2.89	10.45	30.20	2.3	1.7	2.89	9.61	27.77
107	"	48	2.6	1.8	3.24	10.87	35.22	2.4	1.7	2.89	10.03	28.99
107	5/1/60	58	3.0	1.9	3.61	12.54	45.27	2.5	1.8	3.24	10.45	33.86
108	5/10/60	58	2.9	1.6	2.56	12.12	31.03	2.8	1.9	3.61	11.70	42.24
109	5/22/60	53	2.7	1.9	3.61	11.29	40.76	2.5	1.9	3.61	10.45	37.72
112	5/21/60	51	2.2	1.6	2.56	9.20	23.55	1.9	1.6	2.56	7.94	20.33
116	6/10/60	62	2.8	1.9	3.61	11.70	42.24	2.4	2.0	4.00	10.03	40.12
117	"	51	1.6	.9	.81	6.69	5.42	1.3	.9	.81	5.43	4.40
118	"	58	3.0	1.9	3.61	12.54	45.27	2.5	1.9	3.61	10.45	37.72
120	"	60	2.2	1.4	1.96	9.20	18.03	1.9	1.6	2.56	7.94	20.33
122	7/10/60	52	2.3	1.7	2.89	9.61	27.77	2.0	1.1	1.21	8.36	10.12
124	7/7/60	52	2.0	1.0	1.00	8.36	8.36	1.2	1.2	1.44	5.02	7.23
129	"	47	1.4	1.0	1.00	5.85	5.85	1.3	.8	.64	5.43	3.47
130	"	54	2.1	1.0	1.00	8.78	8.78	1.7	1.0	1.00	7.94	7.94
132	"	49	1.7	.9	.81	7.11	5.76	1.2	.8	.64	5.02	3.21

Species URCSAURUS GRACIOSA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
133	8/7/60	64	2.4	1.6	2.56	10.03	25.68	2.1	1.7	2.89	8.78	25.37
134	"	55	2.0	1.2	1.44	8.36	12.04	1.5	1.1	1.21	6.27	7.59
139	9/10/60	61	1.7	1.0	1.00	7.94	7.94	1.5	1.0	1.00	6.27	6.27
140	"	48	1.1	.7	.49	4.60	2.25	2.0	.7	.49	4.18	2.05
141	"	50	1.5	.7	.49	6.27	3.07	1.3	.7	.49	5.43	2.66
142	"	68	1.9	.9	.81	7.94	6.43	1.5	.8	.64	6.27	4.01
148	10/15/60	46	.9	.4	.16	3.76	.60	.9	.4	.16	3.76	.60
151	3/5/61	57	2.8	1.6	2.56	11.70	29.95	2.2	1.5	2.25	9.20	20.70
152	3/20/61	54	2.5	1.7	2.89	10.45	30.20	2.2	1.7	2.89	9.20	26.59
154	"	57	2.6	1.8	3.24	10.87	35.22	2.4	1.6	2.56	10.03	25.68
156	"	48	1.7	1.2	1.44	7.11	10.24	1.5	1.3	1.69	6.27	10.60
157	"	61	3.7	2.6	4.00	11.29	45.16	2.5	2.1	4.41	10.45	46.08
159	"	60	2.8	2.1	4.41	11.70	51.60	3.6	2.1	4.41	10.87	47.94
160	4/14/61	42	2.0	1.3	1.69	8.36	14.13	1.9	1.3	1.69	7.94	13.47
161	4/16/61	43	1.2	.8	.64	5.02	3.21	1.2	.7	.49	5.02	2.46
162	"	50	2.2	1.4	1.96	9.20	18.03	2.1	1.3	1.69	8.78	14.84

Species UROSAURUS GRACIOSA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
165	5/14/61	57	2.7	1.9	3.61	11.29	40.76	2.2	1.9	3.61	9.20	33.21
166	"	54	2.4	1.6	2.56	10.03	~~25.68~~ ~~23.55~~	2.3	1.5	2.25	9.61	21.62
167	"	52	2.2	1.6	2.56	9.20	23.55	2.0	1.6	2.56	8.36	21.40
168	"	57	2.4	1.7	2.89	10.03	28.99	1.9	1.5	2.25	7.94	17.86
169	"	59	2.5	1.7	2.89	10.45	30.20	2.1	1.7	2.89	8.78	25.37
173	"	61	2.8	2.1	4.41	11.70	51.60	2.4	2.0	4.00	10.03	40.12
174	"	60	3.4	2.2	4.84	14.21	68.78	2.6	2.6	4.00	10.87	43.48
175	"	60	2.5	1.5	3.24	10.45	33.86	2.2	1.9	3.61	9.20	33.21
176	"	55	2.8	1.6	2.56	11.70	29.95	2.2	1.7	2.89	9.20	26.59
177	"	56	2.5	1.7	2.89	10.45	30.20	2.1	2.1	4.41	8.78	38.72
180	"	45	.8	.4	.16	3.34	.53	.7	.4	.16	2.93	.47
182	"	57	2.6	1.9	3.61	10.87	39.24	2.0	1.9	3.61	8.36	30.18
183	"	58	2.3	1.8	3.24	9.61	31.14	2.2	1.8	3.24	9.20	29.81
184	5/14/61	47	1.9	1.2	1.44	7.94	11.43	1.2	1.3	1.69	7.11	12.02
185	"	42	1.5	1.1	1.21	6.27	7.59	1.3	1.0	1.00	5.43	5.43
186	"	41	.7	.4	.16	2.93	.47	.7	.4	.16	2.93	.47

Species *Urosaurus graciosa*

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
188	5/14/61	58	2.5	1.6	2.56	10.45	26.75	2.4	1.6	2.56	10.03	25.68
189	"	57	2.5	1.6	2.56	10.45	26.75	2.2	1.6	2.56	9.20	23.55
190	"	40	.7	.4	.16	2.93	.47	.7	.4	.16	2.93	.47
196	"	56	2.4	1.7	2.89	10.03	28.99	2.4	1.7	2.89	10.03	28.99
197	"	57	2.8	1.9	3.61	11.70	42.24	2.7	1.7	2.89	11.29	32.63
199	5/15/61	57	2.4	1.6	2.56	10.03	25.68	2.2	1.6	2.56	9.20	23.55
200	6/4/61	47	1.6	1.0	1.00	6.69	6.69	1.5	1.0	1.00	6.27	6.27
202	6/7/61	62	3.1	2.7	7.29	12.96	94.48	3.6	1.9	3.61	15.07	39.24
203	"	55	2.8	1.9	3.61	11.70	42.24	2.5	1.7	2.89	10.45	30.20
204	"	60	3.0	1.9	3.61	12.54	45.27	2.8	1.8	3.24	11.70	37.91
209	6/15/61	58	2.5	2.0	4.00	11.70	46.80	2.2	2.0	4.00	9.20	36.80
210	"	62	3.5	2.2	4.84	14.63	70.81	3.0	2.4	5.76	12.54	72.23
211	"	58	3.1	2.5	6.25	12.96	81.00	2.8	1.7	2.89	11.70	33.81
212	6/15/61	48	2.6	1.5	2.25	10.87	24.46	2.3	1.3	1.69	9.61	16.24
213	6/16/61	49	2.0	1.3	1.69	8.36	14.13	1.8	1.3	1.69	7.52	12.71
214	"	53	2.2	1.5	2.25	9.20	20.70	2.0	1.4	1.96	8.36	16.39

Species Uvosaurus graciosa

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
217	7/11/61	58	2.5	1.5	2.25	10.45	23.51	2.1	1.6	2.56	8.78	22.48
219	"	54	2.2	1.6	2.56	9.20	23.55	2.1	1.5	2.25	8.78	19.75
221	"	56	2.8	1.5	2.25	11.70	26.32	2.1	1.6	2.56	8.78	22.48
224	7/17/61	48	2.1	1.2	1.44	8.78	12.64	1.9	1.2	1.44	7.94	11.43
229	8/13/61	55	2.2	1.5	2.25	9.20	20.70	2.4	1.3	1.69	7.94	13.42
231	"	56	2.6	1.6	2.56	10.87	27.83	2.1	1.6	2.56	8.78	22.48
234	8/21/61	53	2.8	1.7	2.89	11.70	42.24	2.4	2.6	6.76	10.03	35.68
236	"	54	2.4	1.3	1.69	10.03	16.95	2.0	1.3	1.69	8.36	14.13
237	"	55	2.2	1.4	1.96	9.20	18.03	2.0	1.5	2.25	8.36	18.81
239	9/12/61	60	1.6	0.6	0.36	6.69	2.41	1.1	0.8	0.64	4.60	2.94
240	"	53	1.3	0.8	0.64	5.43	3.48	1.2	0.8	0.64	5.02	3.21
241	"	58	1.5	0.7	0.48	6.27	3.01	1.3	0.8	0.64	5.43	3.48
242	"	58	1.7	0.8	0.64	7.11	4.55	1.5	1.0	1.00	6.27	6.27
245	"	62	1.4	0.8	0.64	5.85	3.74	1.3	0.8	0.64	5.43	3.48
246	"	58	1.5	0.9	0.81	6.27	5.08	1.4	0.9	0.81	5.85	4.74
247	"	54	1.6	0.8	0.64	6.69	4.28	1.5	0.8	0.64	6.27	4.01

Species UROSAURUS GRACIOSA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
250	9/14/61	48	1.3	0.7	0.49	5.43	2.66	1.4	0.7	0.49	5.85	2.87
251	"	48	1.2	0.7	0.49	5.02	2.46	1.0	0.6	0.36	4.18	1.50
254	10/7/61	52	1.8	0.9	0.81	7.52	6.09	1.4	0.9	0.81	5.85	4.74
259	"	60	1.9	1.0	1.00	7.94	7.94	1.7	1.0	1.00	7.11	7.11
260	10/8/61	57	1.9	1.1	1.21	7.94	9.61	1.3	1.1	1.21	5.43	6.57
262	4/14/62	55	2.8	2.1	4.41	11.70	51.60	2.4	2.0	4.00	10.03	40.12
263	"	58	3.0	2.2	4.84	12.54	60.69	2.5	2.2	4.84	10.45	50.58
264	"	58	2.6	2.1	4.41	10.87	47.94	2.4	2.2	4.84	10.03	48.54
265	"	48	2.1	1.1	1.21	8.78	10.62	1.9	1.3	1.69	7.94	13.42
272	"	54	2.6	2.0	4.00	10.87	43.48	2.5	1.9	3.61	10.45	37.72
274	"	57	2.7	1.9	3.61	11.29	40.76	2.8	1.9	3.61	11.70	42.24
275	"	57	2.9	2.1	4.41	12.12	53.45	2.6	2.1	4.41	10.87	47.94
276	"	48	2.2	1.4	1.96	9.20	18.03	2.2	1.5	2.25	9.20	20.70
277	"	64	3.2	2.2	4.84	13.38	64.76	2.5	2.2	4.84	10.45	50.58
278	"	59	3.0	2.1	4.41	12.54	55.30	2.8	2.0	4.00	11.70	46.80
279	"	48	1.7	1.2	1.44	7.11	10.24	1.6	1.5	2.25	6.69	15.05

UROSAURUS GRACIOSA

Species

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
284	4/14/62	60	3.1	2.0	4.00	12.96	51.84	2.7	2.2	4.84	11.29	54.64
285	"	59	3.1	2.2	4.84	12.96	62.73	2.6	2.1	4.41	10.87	47.94
286	"	43	0.9	0.4	0.16	3.76	0.60	0.8	0.4	0.16	3.34	0.53
287	"	45	2.0	1.3	1.69	8.36	14.13	1.9	1.3	1.69	7.94	13.42
290	"	54	2.3	1.5	2.25	9.61	21.62	2.1	1.6	2.56	8.78	22.48
292	5/6/62	51	2.2	1.6	2.56	9.20	23.55	2.0	1.6	2.56	8.36	21.40
293	"	50	2.2	1.5	2.25	9.20	20.70	1.9	1.5	2.25	7.94	17.86
295	"	48	2.0	1.3	1.69	8.36	14.13	2.1	1.4	1.96	8.78	17.21
299	5/13/62	61	2.5	1.7	2.89	10.45	30.20	2.4	1.8	3.24	10.03	32.50
305	"	60	2.6	1.9	3.61	10.87	39.24	2.2	1.9	3.61	9.20	33.21
307	"	58	3.1	2.0	4.00	12.96	51.84	2.6	2.2	4.84	10.87	52.61
308	"	56	2.2	1.4	1.96	9.20	18.03	1.8	1.6	2.56	7.52	19.25
309	6/5/62	52	2.1	1.4	1.96	8.78	17.21	1.9	1.3	1.69	7.94	13.42
310	6/13/62	52	1.5	0.9	0.81	6.27	5.08	1.5	1.1	1.21	6.27	7.59
313	6/14/62	51	2.1	1.3	1.69	8.78	14.84	1.7	1.2	1.44	7.11	10.24
317	"	51	2.2	1.2	1.44	9.20	13.25	1.9	1.3	1.69	7.94	13.42

Species UROSAURUS GRACIOSA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
319	6/14/62	54	2.2	1.4	1.96	9.20	18.03	2.1	1.4	1.96	8.78	17.21
321	7/11/62	54	2.2	1.7	2.89	9.20	26.59	1.9	1.5	2.25	7.94	17.86
323	7/17/62	51	2.1	1.5	2.25	8.78	19.76	2.2	1.4	1.96	9.20	18.03
324	"	50	2.0	1.4	1.96	8.36	16.39	1.9	1.3	1.69	7.94	13.42
326	7/19/62	57	2.3	1.6	2.56	9.61	24.60	2.0	1.6	2.56	8.36	21.40
328	"	57	2.2	1.5	2.25	9.20	20.70	2.1	1.5	2.25	8.78	19.76
334	7/20/62	57	2.7	1.3	1.69	11.29	19.08	1.9	1.5	2.25	7.94	17.86
337	"	57	2.3	1.5	2.25	9.61	21.62	2.1	1.3	1.69	8.78	14.84
338	"	55	2.1	1.5	2.25	8.78	19.76	1.9	1.5	2.25	7.94	17.86
339	"	55	2.4	1.5	2.25	10.03	22.57	2.1	1.6	2.56	8.78	22.48
340	"	43	0.6	0.3	0.09	2.51	0.22	0.5	0.4	0.16	2.09	0.33
341	"	52	2.3	1.3	1.69	9.61	16.24	1.9	1.5	2.25	7.94	17.86
343	"	46	0.7	0.4	0.16	2.93	0.47	0.7	0.4	0.16	2.93	0.47
346	8/10/62	56	1.2	0.6	0.36	5.02	1.81	1.0	0.6	0.36	4.18	1.50
347	"	53	1.9	1.2	1.44	7.94	11.43	1.8	1.3	1.69	7.52	12.71
351	"	53	2.2	1.4	1.96	9.20	18.03	2.1	1.4	1.96	8.78	17.21

Species UROSAURUS GRACIOSA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
355	8/10/62	58	2.2	1.3	1.69	9.20	15.55	1.8	1.3	1.69	7.52	12.71
356	"	58	2.6	1.6	2.56	10.87	27.83	2.2	1.6	2.56	9.20	23.55
357	8/11/62	53	2.2	1.3	1.69	9.20	15.55	1.9	1.3	1.69	7.94	13.42
359	9/15/62	59	1.3	0.7	0.49	5.43	2.66	1.4	0.9	0.81	5.85	4.74
362	"	57	1.4	0.6	0.36	5.85	2.11	1.1	0.7	0.49	4.60	2.25
363	"	58	1.3	0.8	0.64	5.43	3.48	1.2	0.7	0.49	5.02	2.46
366	9/16/62	47	0.7	0.4	0.16	2.93	0.47	0.7	0.4	0.16	2.93	0.47
371	"	55	1.6	0.8	0.64	6.69	4.28	1.3	0.9	0.81	5.43	4.40
372	"	60	1.5	0.8	0.64	6.27	4.01	1.3	0.9	0.81	5.43	4.40
375	"	60	1.6	0.7	0.49	6.69	3.28	1.3	1.0	1.00	5.43	5.43
376	"	50	0.7	0.4	0.16	2.93	0.47	0.7	0.4	0.16	2.93	0.47
377	"	57	1.4	0.7	0.49	5.85	2.87	1.3	0.7	0.49	5.43	2.66
378	"	57	1.6	0.6	0.36	6.69	2.41	1.3	0.7	0.49	5.43	2.66
379	~~4/5/63~~ ~~#5763~~	59	2.8	1.9	3.61	11.70	42.24	2.5	1.6	2.56	10.45	26.75
381	"	51	1.8	~~1.0~~	1.00	7.52	7.52	1.5	1.0	1.00	6.27	6.27
382	4/7/63	56	2.2	1.5	2.25	9.20	20.70	2.2	1.5	2.25	9.20	20.70

Species UROSAURUS GRACIOSA

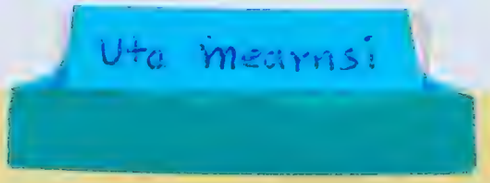
Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
392	4/8/63	36	0.9	0.5	0.25	3.76	0.94	0.9	0.6	0.36	3.76	1.35
393	4/20/63	58	2.8	1.9	3.61	11.70	42.24	2.3	1.8	3.24	9.61	31.14
394	"	59	2.8	1.9	3.61	11.70	42.24	2.2	1.8	3.24	9.20	29.81
396	"	60	3.0	2.2	4.84	12.54	60.69	2.6	2.2	4.84	10.87	52.61
400	"	61	2.6	1.8	3.24	10.87	35.22	2.5	1.7	2.89	10.45	30.20
401	"	56	2.7	1.8	3.24	11.29	36.58	2.5	1.8	3.24	10.45	33.86
402	"	55	2.3	1.9	3.61	9.61	34.69	1.9	1.6	2.56	7.94	20.33
403	"	56	2.2	1.7	2.89	9.20	26.59	2.0	1.7	2.89	8.36	24.16
405	5/26/63	58	2.3	1.6	2.56	9.61	24.60	1.9	1.6	2.56	7.94	20.33
406	5/24/63	56	2.2	1.3	1.69	9.20	15.55	1.8	1.3	1.69	7.52	12.71
409	6/7/63	48	2.2	1.4	1.96	9.20	18.03	2.2	1.3	1.69	9.20	15.55
410	"	50	1.9	1.3	1.69	7.94	13.42	2.1	1.3	1.69	8.78	14.84
411	3/25/64	51	2.3	1.8	3.24	9.61	31.14	2.5	1.7	2.89	10.45	30.20
412	"	54	2.2	1.6	2.56	9.20	23.55	1.8	1.5	2.25	7.52	16.92
413	4/11/64	56	2.8	1.8	3.24	11.70	[illegible]	2.2	1.9	3.61	9.20	[illegible]
414	"	57	2.8	2.0	4.00	11.70	[illegible]	2.3	1.9	3.61	9.61	[illegible]

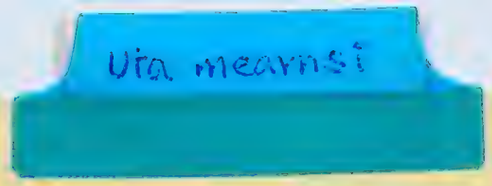
Species URCOSAURUS GRACIOSA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
418	4/11/64	57	2.5	1.9	3.61	10.45		2.4	1.9	3.61	10.03	
422	"	55	2.8	2.2	4.84	11.70		2.4	1.8	3.24	10.03	
423	"	56	2.8	2.2	4.84	11.70		2.7	2.2	4.84	11.29	
424	"	56	2.8	1.8	3.24	11.70		2.4	1.9	3.61	10.03	
425	"	60	3.1	2.1	4.41	12.96		3.0	1.9	3.61	12.54	
426	"	54	2.3	1.9	3.61	9.61		2.7	2.2	4.84	11.29	
427	"	53	2.5	1.6	2.56	10.45		2.5	1.6	2.56	10.45	
428	"	58	3.0	1.9	3.61	12.54		2.8	1.9	3.61	11.70	
431	"	49	1.7	1.2	1.44	7.11		1.6	0.9	0.81	6.69	
434	"	59	3.1	2.2	4.84	12.96		2.7	2.3	5.29	11.29	
446	10/3/64	45	0.9	0.5	0.25	3.76	0.94	0.8	0.5	0.25	3.34	0.84

Species UROSAURUS GRACIOSA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
448	4 Oct 64	53	1.6	0.7	0.49	6.69	5.28 ~~5.53~~	1.5	0.9	0.81	6.27	5.08
449	"	51	1.9	1.0	1.0	7.94	7.94	1.3	0.9	0.81	5.43	4.40


Uta mearns!


Uta mearnsi

Species Uta mearnsi

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
1	6/3/61	65	.9	.4	.16	3.76	.60	.6	.4	.16	2.51	.40
3	6/2/61	65	.7	.5	.25	2.93	.73	.7	.4	.16	2.93	.47

Uta ornata

Ute ornata

Species Uta ornata

Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
2	6/19/61	46	2.1	1.7	2.89	8.78	25.37	2.3	1.9	3.61	9.61	34.69
3	"	49	2.9	2.2	4.84	12.12	58.66	3.1	2.2	4.84	12.96	62.73
4	"	49	2.3	2.1	4.41	9.61	42.38	2.2	2.1	4.41	9.20	40.57
5	"	49	2.5	1.8	3.24	10.45	33.86	2.3	1.9	3.61	9.61	34.69
6	"	49	2.5	2.2	4.84	10.45	50.58	2.5	1.9	3.61	10.45	37.72
7	"	48	2.4	2.2	4.84	10.03	48.54	2.2	2.1	4.41	9.20	40.57
9	4/1/62	52	1.5	0.9	0.81	6.27	5.08	1.5	1.0	1.00	6.27	6.27
10	"	52	1.3	0.7	0.49	5.43	2.66	1.3	0.7	0.49	5.43	2.66

Ata Stansburiana

IRIS
INSERTABLE
INDEX SETS

I.R. - 13 8½ x 11

Uta stansburiana

Species UTA STANSBURIANA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
1	8/21/58	51	1.2	.7	.49	5.02	2.46	1.1	.8	.64	4.60	2.94
2	8/22/58	43	.7	.5	.25	2.93	.73	.7	.6	.36	2.93	1.05
3	"	45	1.1	.9	.81	4.60	3.73	1.0	.6	.36	4.18	1.50
5	8/24/58	46	.9	.6	.36	3.76	1.35	1.0	.7	.49	4.18	2.05
6	"	52	1.0	.6	.36	4.18	1.50	1.0	.6	.36	4.18	1.50
7	"	39	.6	.4	.16	2.51	.40	.5	.4	.16	2.09	.33
8	9/18/58	49	1.2	1.0	1.00	5.02	5.02	1.2	.9	.81	5.02	4.07
9	9/18/58	55	1.2	1.0	1.00	5.02	5.02	1.5	.9	.81	6.27	5.08
12	9/19/58	39	.7	.6	.36	2.93	1.05	.9	.6	.36	3.76	1.35
13	9/19/58	46	1.0	.6	.36	4.18	1.50	.9	.6	.36	3.76	1.35
17	"	41	1.0	.5	.25	4.18	1.04	1.2	.5	.25	5.02	1.25
18	"	41	.9	.5	.25	3.76	.94	.9	.4	.16	3.76	.60
20	9/19/58	40	.6	.4	.16	2.51	.40	.7	.4	.16	2.93	.47
21	8/24/58	42	1.0	.5	.25	4.18	1.04	— Missing —				
24	10/10/58	39	.9	.6	.36	3.76	1.35	1.0	.6	.36	4.18	1.50
25	10/17/58	49	1.1	1.0	1.00	4.60	4.60	1.2	1.1	1.21	5.02	6.07

Species UTA STANSBURIANA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
26	10/17/58	43	1.0	.6	.36	4.18	1.50	1.0	.6	.36	4.18	1.50
27	"	46	1.4	1.0	1.00	5.85	5.85	1.2	1.0	1.00	5.02	5.02
29	"	44	1.1	1.1	1.21	4.60	5.57	1.4	1.2	1.44	5.85	8.42
30	10/18/58	42	.7	.5	.25	2.93	.73	.9	.6	.36	3.76	1.35
31	10/24/58	37	.7	.5	.25	2.93	.73	.6	.5	.25	2.51	.63
33	1/25/59	38	1.5	1.2	1.44	6.27	9.03	1.5	1.2	1.44	6.27	9.03
34	"	43	1.5	1.5	2.25	6.27	14.11	1.7	1.4	1.96	7.11	13.93
35	"	39	1.6	1.6	2.56	6.69	17.13	1.5	1.6	2.56	6.27	16.05
40	1/29/59	54	2.5	2.5	6.25	10.45	65.31	2.5	2.5	6.25	10.45	65.31
41	"	51	2.2	1.7	2.89	9.20	26.59	2.4	1.7	2.89	10.03	28.99
42	"	45	2.0	2.0	4.00	8.36	33.44	2.1	1.7	2.89	8.78	25.37
43	3/3/59	51	2.5	2.2	4.84	10.45	50.58	2.9	2.2	4.84	12.12	58.66
45	3/31/59	55	2.5	2.5	6.25	10.45	65.31	2.0	2.2	4.84	8.36	40.46
47	4/1/59	54	2.4	2.2	4.84	10.03	48.54	2.7	2.0	4.00	11.29	45.16
48	4/1/59	44	1.5	1.7	2.89	6.27	18.12	1.6	1.5	2.25	6.69	15.05
51	"	46	2.0	2.1	4.41	8.36	36.87	2.3	2.0	4.00	9.61	38.44

Species Uta stansburiana

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
53	4/30/59	42	.7	.6	.36	2.93	1.05	1.0	.6	.36	4.18	1.50
54	5/8/59	47	1.7	1.7	2.89	7.11	20.55	1.7	1.7	2.89	7.11	20.55
56	5/9/59	46	2.2	1.8	3.24	9.20	29.81	1.8	1.7	2.89	7.52	21.73
57	5/8/59	47	1.9	1.5	2.25	7.94	17.86	1.6	1.6	2.56	6.69	17.13
58	"	48	2.0	1.7	2.89	8.36	24.16	1.6	1.6	2.56	6.69	17.13
59	5/9/59	45	1.2	1.1	1.21	5.02	6.07	1.2	1.0	1.00	5.02	5.02
60	"	52	1.8	1.6	2.56	7.52	19.25	1.8	1.6	2.56	7.52	19.25
61	"	46	1.2	1.2	1.44	5.02	7.23	1.3	1.2	1.44	5.43	7.82
64	5/16/59	48	1.1	.7	.49	4.60	2.25	1.3	.8	.64	5.43	3.47
65	"	49	1.4	1.2	1.44	5.85	8.42	1.6	1.5	2.25	4.18	9.40
67	"	48	2.2	1.9	3.61	9.20	33.21	2.2	1.5	3.24	9.20	29.81
70	6/24/59	52	1.9	1.8	3.24	7.94	25.73	2.2	1.9	3.61	9.20	33.21
71	"	53	2.0	2.0	4.00	8.36	33.44	2.2	2.1	4.41	9.20	40.57
72	"	54	2.5	2.2	4.84	10.45	50.58	2.5	2.4	5.76	6.25	36.00
73	7/7/59	50	2.0	1.5	2.25	8.36	18.81	1.9	1.5	2.25	7.94	17.86
74	"	50	1.5	1.1	1.21	6.27	7.59	1.4	1.0	1.00	5.85	5.85
75	7/16/59	52	1.1	.9	.81	4.60	3.73	1.2	.8	.64	5.02	3.21

Species UTA STANSBURIANA

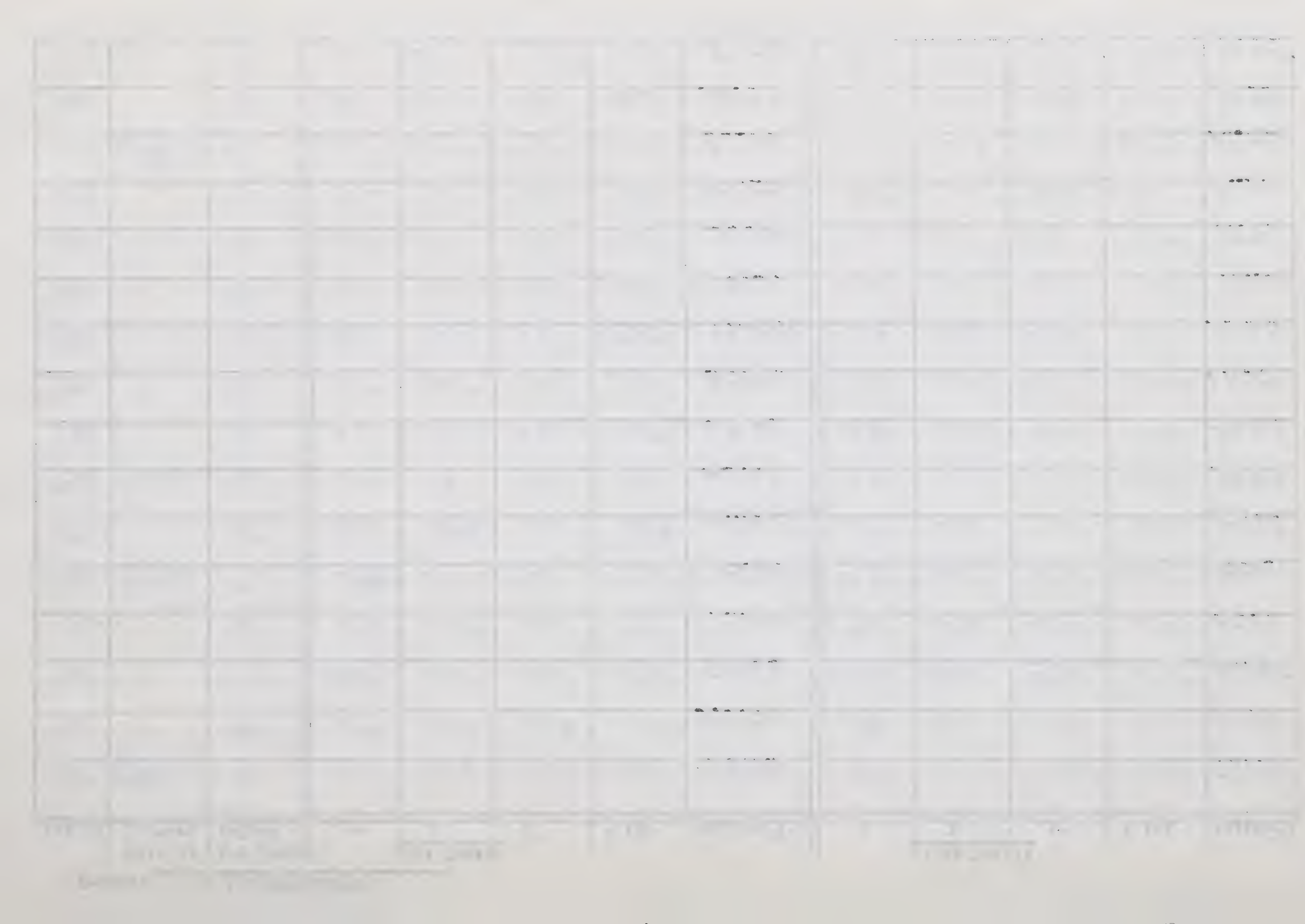
Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
76	7/10/59	53	.7	1.3	169	7.11	12.07	1.6	1.3	1.69	6.69	11.31
80	8/6/59	53	1.8	.8	.64	7.52	4.81	1.1	.9	.81	4.66	3.73
81	8/25/59	45	.9	.6	.36	3.76	1.35	1.0	.7	.49	4.18	2.05
83	8/26/59	47	.7	.6	.36	2.93	1.05	1.0	.5	.25	4.18	1.04
84	"	45	.9	.8	.64	3.76	2.41	1.0	.6	.36	4.18	1.50
85	"	39	.5	.4	.16	2.09	.33	.6	.4	.16	2.51	.40
86	9/17/59	51	1.0	.6	.36	4.18	1.50	1.0	.7	.49	4.18	2.05
87	9/15/59	39	.5	.4	.16	2.09	.33	.6	.4	.16	2.51	.40
88	"	54	1.2	.8	.64	5.02	3.21	1.2	.9	.81	5.02	4.07
89	"	50	1.3	1.0	1.00	5.43	5.43	1.3	1.0	1.00	5.43	5.43
90	"	51	1.0	.7	.49	4.18	2.05	1.2	.7	.49	5.02	2.46
91	"	50	1.1	.8	.64	4.60	2.94	1.1	.9	.81	4.60	3.73
92	9/1/59	47	1.0	.7	.49	4.18	2.05	1.0	.7	.49	4.18	2.05
94	"	42	.8	.5	.25	3.34	.83	.7	.5	.25	2.93	.73
95	"	41	.6	.6	.36	2.51	.90	.7	.5	.25	2.93	.73
96	"	42	.6	.5	.25	2.51	.63	.7	.4	.16	2.93	.47

Species UTA STANSBURIANA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
97	9/11/59	44	.7	.5	.25	2.93	.73	1.0	.5	.25	4.18	1.04
98	"	43	.8	.5	.25	3.34	.83	.9	.5	.25	3.76	.94
101	9/28/59	55	1.9	1.3	1.69	7.94	13.42	2.0	1.6	2.56	8.36	21.40
102	10/11/59	49	1.7	1.0	1.00	7.11	7.11	1.6	1.0	1.00	6.69	6.69
105	1/29/60	50	2.2	2.3	5.29	9.20	48.67	2.3	2.3	5.29	9.61	50.84
107	3/7/60	49	2.5	2.4	5.76	10.45	60.19	2.8	2.2	4.84	11.70	56.63
109	3/14/60	50	2.5	2.5	6.25	10.45	65.31	2.4	2.1	4.41	10.03	44.23
111	3/19/60	48	2.2	2.2	4.84	9.20	44.53	2.5	2.2	4.84	10.45	50.58
112	"	45	2.5	2.3	4.84	10.45	50.58	2.4	1.9	3.61	10.03	36.21
113	3/19/60	51	2.9	2.7	7.29	12.12	88.35	2.8	2.7	7.29	11.70	85.29
114	"	49	2.6	2.5	6.25	10.87	67.94	2.8	2.5	6.25	11.70	73.12
115	3/19/60	46	2.3	2.1	4.41	9.61	42.38	2.5	2.3	5.29	10.45	55.28
116	"	47	2.5	2.4	5.76	10.45	60.19	2.7	2.0	4.00	11.29	45.16
118	3/19/60	48	2.7	2.2	4.84	11.29	54.64	2.9	2.3	5.29	12.12	64.11
120	"	50	2.5	2.5	6.25	10.45	65.31	2.8	2.0	4.00	11.70	46.80
121	3/20/60	46	2.5	2.6	6.76	11.70	79.09	2.6	2.4	5.76	10.87	62.61

Species UTA STANSBURIANA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
125	3/20/60	47	2.5	2.3	5.29	10.45	55.28	2.9	2.5	6.25	12.12	75.75
128	"	49	2.7	2.3	5.29	11.29	59.72	2.9	2.6	6.76	12.12	81.93
129	"	48	2.7	2.5	6.25	11.29	70.56	2.8	2.2	4.84	11.70	56.63
130	"	50	2.8	2.5	6.25	11.70	73.12	3.0	2.2	4.84	12.54	60.69
132	3/21/60	43	2.2	1.9	3.61	9.20	33.21	2.5	2.1	4.41	10.45	46.08
133	"	47	2.6	2.2	4.84	10.87	52.61	2.5	2.2	4.84	10.45	50.58
135	4/2/60	60	2.4	1.6	2.56	10.03	25.68	2.9	2.6	6.76	12.12	81.93
136	"	56	2.6	2.4	5.76	10.87	62.61	2.8	2.2	4.84	11.70	56.63
138	"	50	2.5	2.5	6.25	6.25	39.06	2.8	2.4	5.76	11.70	67.39
140	"	52	2.4	2.2	4.84	10.03	48.54	2.8	2.2	4.84	11.70	56.63
141	"	46	2.4	2.2	4.84	10.03	48.54	2.4	2.6	4.00	10.03	40.12
142	"	50	2.5	2.4	5.76	6.25	36.00	2.6	2.1	4.41	10.87	47.94
143	"	46	2.2	2.0	4.00	9.20	36.80	2.3	1.8	3.24	9.61	31.14
144	4/3/60	52	2.8	2.7	7.29	11.70	85.29	3.1	2.3	5.29	12.96	68.56
145	"	49	2.3	2.3	5.29	9.61	50.84	2.5	2.2	4.84	10.45	50.58
146	"	58	3.1	2.5	6.25	12.96	81.00	3.2	2.6	6.76	13.38	90.45



Species UTA STANSBURIANA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
147	4/12/60	50	2.3	2.2	4.84	9.61	46.51	2.5	2.3	5.29	10.45	55.28
150	4/12/60	49	2.2	2.1	4.41	9.20	40.57	2.1	2.1	4.41	8.78	38.72
151	4/15/60	49	1.9	1.7	2.89	7.94	22.95	2.4	1.9	3.61	10.03	36.21
152	4/14/60	50	2.5	2.2	4.84	10.45	50.58	2.5	2.5	6.25	10.45	65.31
153	4/21/60	50	2.6	2.5	6.25	10.87	67.94	2.7	2.2	4.84	11.29	54.64
155	"	48	2.6	2.2	4.84	10.87	52.61	2.8	2.5	6.25	11.70	73.12
156	5/14/60	51	2.1	2.1	4.41	8.78	38.72	2.5	1.9	3.61	10.45	37.72
158	5/21/60	53	2.1	1.5	3.24	8.78	28.45	2.1	1.6	2.56	8.78	22.48
162	6/11/60	52	1.1	.9	.81	4.60	3.73	1.3	.8	.64	5.43	3.47
164	8/10/60	51	1.1	.7	.49	4.60	2.25	1.0	.8	.64	4.18	2.67
165	9/25/60	55	1.4	1.0	1.00	5.85	5.85	1.3	1.2	1.44	5.43	7.82
168	"	47	1.2	.8	.64	5.02	3.21	1.3	.8	.64	5.43	3.47
169	10/4/60	47	.8	.6	.36	3.34	1.20	.8	.7	.49	3.34	1.64
170	12/14/60	51	2.3	1.7	3.61	9.61	34.69	2.6	2.2	4.84	10.87	52.61
172	1/5/61	52	2.5	2.4	5.76	10.45	60.19	2.5	2.0	4.00	10.45	41.80
173	"	54	2.6	2.5	6.25	10.87	67.94	2.8	2.1	4.41	11.70	51.60

Species UTA STANSBURIANA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
174	1/5/61	49	2.5	2.0	4.00	10.45	41.80	2.8	2.1	4.41	11.70	51.60
176	1/12/61	47	3.4	3.0	9.00	14.21	127.89	2.5	2.2	4.84	11.70	56.63
177	"	51	2.5	2.5	6.25	10.45	65.31	2.5	2.1	4.41	10.45	46.08
178	"	54	2.7	2.5	6.25	11.29	70.56	2.8	2.1	4.41	11.70	51.60
184	2/12/61	55	1.9	1.6	2.56	7.94	20.33	2.1	1.6	2.56	8.78	22.48
185	2/12/61	56	2.8	2.8	7.84	11.70	91.73	3.1	2.5	6.25	12.96	81.00
186	"	51	2.5	2.5	6.25	10.45	65.31	2.8	2.5	6.25	11.70	73.12
187	"	54	3.1	2.7	7.29	12.96	94.48	3.0	2.5	6.25	12.54	78.37
188	"	52	2.5	2.7	7.29	11.70	85.29	2.9	2.8	7.84	12.12	95.02
189	"	53	1.1	.9	.81	4.60	3.73	1.1	.9	.81	4.60	3.73
191	2/18/61	52	2.6	2.1	4.41	10.87	47.94	2.6	3.1	4.41	10.87	47.94
192	2/21/61	55	2.8	2.8	7.84	11.70	91.73	2.8	2.7	7.29	11.70	85.29
194	2/25/61	58	3.1	2.8	7.84	12.96	101.61	2.8	2.6	6.76	11.70	79.09
195	3/6/61	53	2.4	2.4	5.76	10.03	57.77	2.5	2.4	5.76	10.45	60.19
196	"	55	2.8	2.4	5.76	11.70	67.39	3.1	2.5	6.25	12.96	81.00
197	3/14/61	60	2.8	2.6	6.76	11.70	79.09	2.8	2.6	6.76	11.70	79.09

Species UTA STANSBURIANA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
198	3/8/61	55	2.9	2.6	6.76	12.12	81.93	2.6	2.5	6.25	10.87	67.94
199	"	56	3.1	2.8	7.84	12.96	101.61	2.8	2.6	6.76	11.70	79.09
200	3/11/61	56	3.0	2.5	6.25	12.54	78.37	2.8	2.6	6.76	11.70	79.09
204	3/13/61	52	2.6	2.2	4.84	10.87	52.61	2.4	2.2	4.84	10.13	48.54
205	"	52	2.5	2.1	4.41	10.45	46.08	2.6	2.2	4.84	10.87	52.61
206	3/12/61	57	2.5	2.1	4.41	9.61	42.38	2.6	2.2	4.84	10.87	52.61
208	"	57	3.0	2.5	6.25	12.54	78.37	2.9	2.5	6.25	12.12	75.75
209	"	55	2.6	2.4	5.76	10.87	62.61	2.7	2.1	4.41	11.29	49.79
211	3/15/61	50	2.5	2.5	5.29	10.45	55.28	3.0	2.3	5.29	12.54	66.34
213	"	55	2.7	2.5	6.25	11.29	70.56	2.8	2.4	5.76	11.70	67.39
215	"	54	2.7	2.6	6.76	11.29	76.32	2.5	2.5	6.25	10.45	65.31
216	"	52	2.6	2.4	5.76	10.87	62.61	2.6	2.2	4.84	10.87	52.61
218	3/20/61	54	2.8	2.5	6.25	11.70	73.12	3.1	2.5	6.25	12.96	81.00
219	"	52	2.6	2.5	6.25	10.87	67.94	2.6	2.2	4.84	10.87	52.61
221	"	53	2.8	2.5	6.25	11.70	73.12	2.7	2.4	5.76	11.29	65.03
222	"	53	2.6	2.5	6.25	10.87	67.94	2.6	2.5	6.25	10.87	67.94

Species UTA STANSBURIANA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
223	3/20/61	57	2.7	2.5	6.25	11.29	70.56	2.5	2.5	6.25	10.45	65.31 ~~70.56~~
224	3/21/61	51	2.5	2.3	5.29	10.45	55.28	2.6	2.2	4.84	10.87	52.61
226	3/23/61	54	2.8	2.7	7.29	11.71	85.29	2.6	3.5	6.25	10.87	67.94
227	3/26/61	53	2.3	1.7	3.61	9.61	34.69	3.4	2.0	4.00	14.03	40.12
229	3/24/61	54	2.6	2.2	4.84	10.87	52.61	3.6	2.1	4.41	10.87	47.94
230	"	56	2.9	2.8	7.84	12.12	95.02	2.9	2.6	6.76	12.12	81.93
233	4/9/61	41	1.1	1.0	1.00	4.60	4.60	1.3	1.6	1.00	5.43	5.43
234	4/11/61	53	2.2	2.2	4.84	9.20	44.53	2.6	2.2	4.84	10.87	52.61
235	"	54	2.5	2.3	5.29	10.45	55.28	2.7	2.4	5.76	11.29	65.03
236	"	52	2.5	2.2	4.84	10.45	50.58	2.6	1.9	3.61	10.87	39.24
237	"	51	2.2	2.1	4.41	9.20	40.57	2.2	2.2	4.84	9.20	44.53
238	"	53	2.2	2.1	4.41	9.20	40.57	2.5	1.9	3.61	10.45	37.72
239	"	51	2.2	2.0	4.00	9.20	36.80	2.2	2.1	4.41	9.20	40.57
241	"	55	2.5	2.0	4.00	10.45	41.80	2.5	2.1	4.41	10.45	46.08
244	4/15/61	50	2.0	1.7	3.61	8.36	30.18	1.7	1.6	2.56	7.11	18.20
245	4/17/61	56	2.7	2.3	5.29	11.29	59.72	2.7	2.2	4.84	11.29	54.64

Species Uta stansburiana

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
246	4/25/61	54	2.6	2.1	4.41	10.87	47.94	2.4	2.2	4.84	10.03	48.54
248	"	54	2.2	1.9	3.61	9.20	33.21	3.5	2.1	4.41	10.45	46.08
249	"	52	2.5	2.4	5.76	10.45	60.19	2.6	2.2	4.84	10.87	52.61
250	4/27/61	53	2.2	2.1	4.41	9.20	40.57	2.1	1.8	3.24	8.78	28.45
252	4/29/61	52	2.5	2.1	4.41	10.45	46.08	2.7	2.0	4.00	11.29	45.16
253	5/7/61	48	2.2	1.6	2.56	9.20	23.55	1.9	1.6	2.56	7.94	20.33
255	"	50	2.2	2.0	4.00	9.20	36.80	2.1	2.0	4.00	8.78	35.12
256	"	49	1.9	1.7	2.89	7.94	22.95	2.0	1.6	2.56	8.36	21.40
259	5/20/61	52	1.8	1.6	2.56	7.52	19.25	1.9	1.6	2.56	7.94	20.33
260	5/21/61	53	2.4	2.2	4.84	10.03	48.54	2.5	2.2	4.84	10.45	50.58
261	"	55	1.6	2.5	6.25	6.69	41.81	2.5	2.2	4.84	10.45	50.58
262	"	56	2.5	2.3	5.29	10.45	55.28	2.6	2.4	5.76	10.87	62.61
263	"	53	2.1	2.0	4.00	8.78	35.12	2.2	1.9	3.61	9.20	33.21
264	"	53	2.6	2.5	6.25	10.87	67.94	3.0	2.6	6.76	12.54	84.77
265	"	55	2.8	2.5	6.25	11.70	73.12	2.6	2.3	5.29	10.87	57.50
269	"	50	2.0	1.9	3.61	8.36	30.18	1.9	1.6	2.56	7.94	20.33

Species *Uta Stansburiana*

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
270	5/21/61	55	2.4	2.2	4.84	10.03	48.54	2.1	2.0	4.00	8.76	35.12
271	"	58	2.6	2.2	4.84	10.87	52.61	2.6	2.2	4.84	10.87	52.61
272	"	57	2.5	2.3	5.29	10.45	55.28	2.8	2.0	4.00	11.70	46.80
273	"	54	3.1	2.2	4.84	12.96	62.73	2.7	2.4	5.76	11.29	65.03
274	"	55	2.5	2.2	4.84	10.45	50.58	2.5	2.2	4.84	10.45	50.58
277	"	54	2.6	2.2	4.84	10.87	52.61	2.6	2.2	4.84	10.87	52.61
278	"	55	1.9	1.7	2.89	7.94	22.95	1.9	1.6	2.56	7.94	20.33
279	"	55	2.2	2.1	4.41	9.20	40.57	2.4	2.2	4.84	10.03	48.54
290	"	45	2.2	1.8	3.24	9.20	29.81	1.9	1.8	3.24	7.94	25.73
291	6/2/61	49	1.6	1.1	1.21	6.69	8.09	1.4	1.3	1.69	5.85	9.89
294	6/13/61	54	2.5	1.9	3.61	10.45	37.72	2.2	2.2	4.84	9.20	44.53
296	6/25/61	51	1.4	1.3	1.69	5.85	9.89	1.6	1.6	2.56	6.69	6.69
297	"	52	2.2	1.6	2.56	9.20	23.55	2.2	1.6	2.56	9.20	23.55
299	9/26/61	52	1.0	0.7	0.49	4.18	2.05	1.0	0.7	0.49	4.18	2.05
300	"	53	1.4	1.3	1.69	5.85	9.89	1.5	1.3	1.69	6.27	10.60
301	"	56	1.9	1.6	2.56	7.94	20.33	1.8	1.6	2.56	7.52	19.25

Species UTA STANSBURIANA

Tag.No	Date of Capture	S-V length(mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol.(mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol(mm^3)
303	9/26/61	45	0.7	0.6	0.36	2.93	1.05	0.7	0.5	0.25	2.93	0.73
304	9/27/61	56	1.8	1.1	1.21	7.52	9.10	1.6	1.2	1.44	6.69	9.63
307	4/14/62	48	2.0	2.0	4.00	8.36	33.44	2.3	2.2	4.84	9.61	46.51
308	4/21/62	55	2.5	2.1	4.41	10.45	46.08	2.6	2.2	4.84	10.87	52.61
309	"	55	2.5	2.2	4.84	10.45	50.58	2.5	2.5	6.25	10.45	65.31
312	4/22/62	48	2.3	1.7	2.89	9.61	27.77	2.4	1.9	3.61	10.03	36.21
314	5/1/62	54	2.2	1.9	3.61	9.20	33.21	3.2	2.5	6.25	13.38	83.62
315	"	55	2.6	2.2	4.84	10.87	52.61	2.7	2.3	5.29	11.29	59.72
316	"	46	1.3	1.3	1.69	5.43	9.17	1.3	1.0	1.00	5.43	5.43
326	5/5/62	54	2.5	2.3	5.29	10.45	55.28	3.0	2.3	5.29	12.54	66.37
327	5/18/62	57	2.4	1.9	3.61	10.03	36.21	2.5	2.2	4.84	10.45	50.58
329	"	52	2.3	2.1	4.41	9.61	42.38	2.3	2.2	4.84	9.61	46.51
332	"	54	2.3	2.1	4.41	9.61	42.38	2.5	1.9	3.61	10.45	37.72
333	5/20/62	49	2.0	1.9	3.61	8.36	30.18	2.0	1.8	3.24	8.36	27.09
338	"	54	2.3	2.2	4.84	9.61	46.51	2.5	1.8	3.24	10.45	33.86
340	6/3/62	56	2.6	2.2	4.84	10.87	52.61	2.5	2.2	4.84	10.45	50.58

Species UTA STANSBURIANA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
341	6/16/62	54	2.2	2.2	4.84	9.20	44.53	2.3	2.2	4.84	9.61	46.51
342	"	53	2.5	2.4	5.76	10.45	60.19	2.5	2.4	5.76	10.45	60.19
343	"	51	2.4	2.2	4.84	10.03	48.54	2.5	2.2	4.84	10.45	50.58
345	"	56	2.2	2.2	4.84	9.20	44.53	2.5	2.1	4.41	10.45	46.08
346	"	56	2.5	2.4	5.76	10.45	60.19	2.6	2.2	4.84	10.87	52.61
348	"	53	2.1	1.8	3.24	8.78	28.45	2.2	2.2	4.84	9.20	44.53
350	"	55	2.2	2.0	4.00	9.20	36.80	2.4	2.1	4.41	10.03	44.23
351	6/17/62	48	2.4	2.2	4.84	10.03	48.54	2.5	2.0	4.00	10.45	41.80
352	"	52	2.3	2.2	4.84	9.61	46.51	2.6	2.2	4.84	10.87	52.61
353	"	54	2.3	2.2	4.84	9.61	46.51	2.6	2.0	4.00	10.87	43.48
354	"	55	2.5	2.2	4.84	10.45	50.58	2.6	2.2	4.84	10.87	52.61
357	"	48	1.9	1.7	2.89	7.94	22.95	2.1	1.9	3.61	8.78	31.70
358	"	55	2.5	1.9	3.61	10.45	37.72	2.6	2.1	4.41	10.87	47.94
359	"	48	2.2	1.9	3.61	9.20	33.21	2.2	1.9	3.61	9.20	33.21
360	"	51	1.6	1.5	2.25	6.69	15.05	1.6	1.5	2.25	6.69	15.05
361	"	55	2.5	2.2	4.84	10.45	50.58	2.6	2.2	4.84	10.87	52.61

Species UTA STANSBURIANA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
364	6/17/62	52	2.1	1.9	3.61	8.78	31.70	2.2	1.9	3.61	9.20	33.21
365	"	51	2.3	2.2	4.84	9.61	46.51	2.6	2.2	4.84	10.87	52.61
366	6/29/62	54	2.1	2.1	4.41	8.78	38.72	2.2	1.8	3.24	9.20	29.81
367	"	54	2.2	1.9	3.61	9.20	33.21	2.2	1.9	3.61	9.20	33.21
371	8/19/62	43	0.7	0.5	0.25	2.93	0.73	0.7	0.6	0.36	2.93	1.05
372	"	43	0.7	0.6	0.36	2.93	1.05	0.7	0.5	0.25	2.93	0.73
373	1/16/63	53	2.5	2.2	4.84	~~10.54~~ 10.45	50.58	2.5	2.2	4.84	10.45	50.58
374	4/10/63	48	2.1	2.0	4.00	8.78	35.12	2.5	2.0	4.00	10.45	41.80
375	4/20/63	46	1.9	1.5	2.25	7.94	17.87	1.9	1.6	2.56	7.94	20.33
377	4/25/63	54	2.9	2.6	6.76	12.12	81.93	3.1	2.2	4.84	12.96	62.73
381	5/4/63	45	1.7	1.6	2.56	7.11	18.20	1.8	1.3	1.69	7.52	12.71
382	"	45	1.3	1.2	1.44	5.43	7.82	1.3	1.0	1.00	5.43	5.43
383	"	51	1.6	1.5	2.25	6.69	15.05	1.6	1.4	1.96	6.69	13.11
384	"	48	1.6	1.5	2.25	6.69	15.05	1.9	1.7	2.89	7.94	22.95
385	"	48	1.7	1.7	2.89	7.11	20.55	1.9	1.6	2.56	7.94	20.33
386	"	41	1.0	1.0	1.00	4.18	4.18	1.3	0.9	0.81	5.43	~~4.40~~ 4.40

Species UTA STANSBURIANA

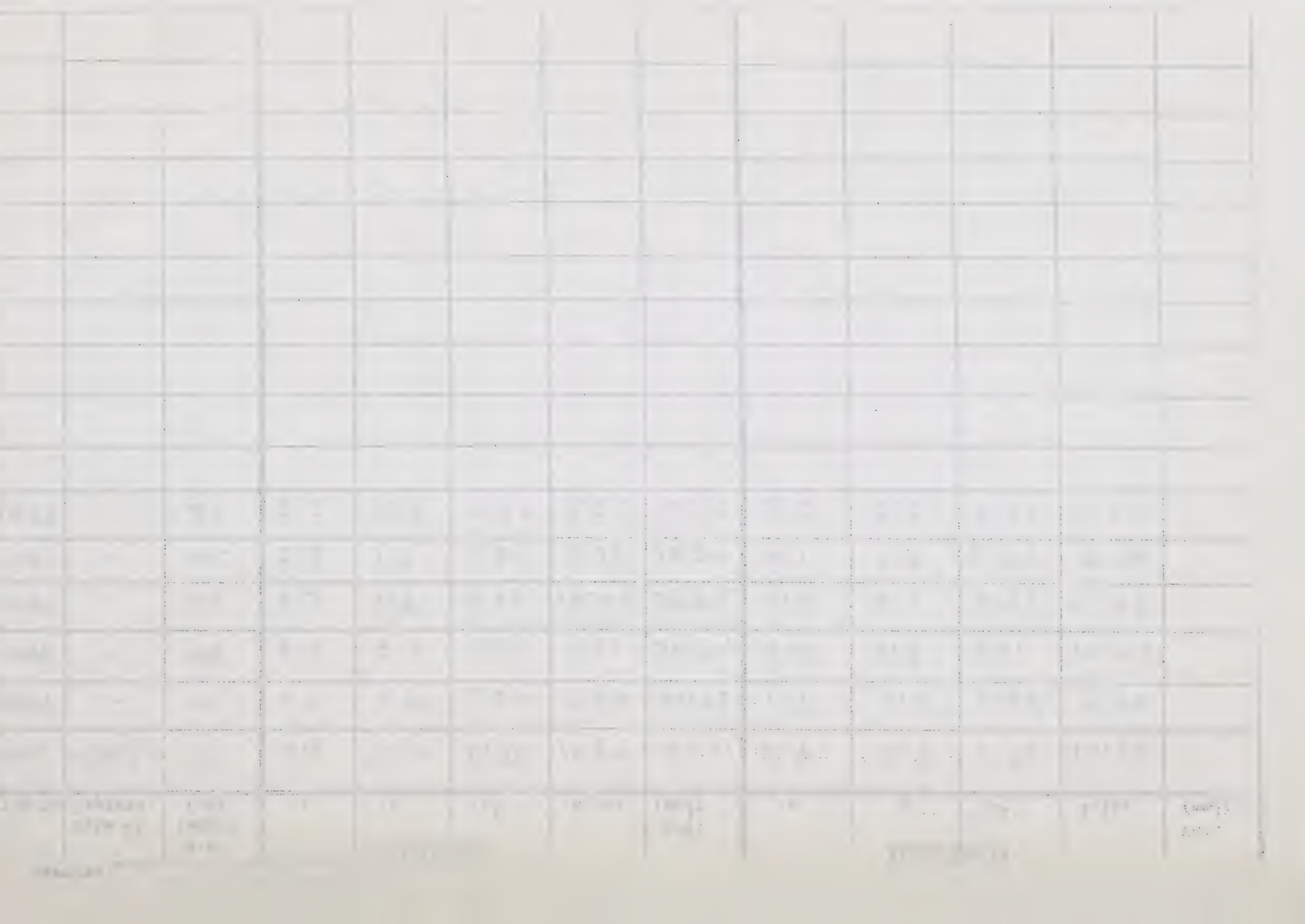
Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
387	5/4/63	42	1.3	1.1	1.21	5.43	6.57	1.8	1.3	1.69 ~~1.21~~	7.52	12.71
389	5/25/63	50	1.7	1.6	2.56	7.11	18.20	1.9	1.6	2.56	7.94	20.33
390	5/25/63	52	2.1	1.9	3.61	8.78	31.70 ~~31.69~~	2.1	1.9	3.61	8.78	31.70
391	7/18/63	56	1.5	1.3	1.69	6.27	10.60	1.6	1.4	1.96	6.69	13.11
394	1/8/64	57	3.0	2.6	6.76	12.54	[illegible]	3.1	2.6	6.76	12.96	87.61
395	"	53	2.8	2.3	5.29	11.70	[illegible]	2.6	2.2	4.84	10.87	[illegible]
396	"	52	2.6	2.2	4.84	10.87	[illegible]	2.6	2.4	5.76	10.87	[illegible]
404	5/2/64	52	1.9	1.9	3.61	7.94	[illegible]	2.0	1.9	3.61	8.36	[illegible]
405	"	52	1.9	1.5	2.25	7.94	[illegible]	1.6	1.5	2.25	6.69	[illegible]
409	5/1/64	48	2.2	2.1	4.41	9.20	[illegible]	2.4	2.4	5.76	10.03	[illegible]
412	8/19/64	49	1.1	0.7	0.49	4.60	[illegible]	0.8	0.7	0.49	3.34	[illegible]
414	"	52	0.9	0.5	0.25	3.76	[illegible]	0.9	0.7	0.49	3.76	[illegible]
416	"	51	1.0	0.9	0.81	4.18	[illegible]	1.1	0.7	0.49	4.60	[illegible]
417	"	53	1.1	0.9	0.81	4.60	[illegible]	1.2	0.9	0.81	5.02	[illegible]
419	"	50	1.0	0.6	0.36	4.18	[illegible]	1.0	0.6	0.36	4.18	[illegible]
422	2/26/65	45	2.0	1.9	3.61	8.36	30.18	2.1	1.7	2.89	8.78	25.37

Species UTA STANSBURIANA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
423	2/26/65	49	2.4	2.1	4.41	10.03	44.23	2.3	1.9	3.61	9.61	
424	"	54	3.1	2.7	7.29	12.96	94.48	3.0	2.4	5.76	12.54	
425	"	55	2.6	2.4	5.76	10.87	62.61	2.5	2.5	6.25	11.70	
426	"	57	3.1	2.9	8.41	12.96	108.99	3.2	2.8	7.84	13.38	
429	"	50	2.5	2.4	5.76	10.45	60.19	3.8	2.4	5.76	15.88	
430	"	51	2.6	2.4	5.76	10.87	62.61	3.0	2.4	5.76	12.54	
431	11/24/67	43	1.2	1.0	1.00	5.02	5.02	1.3	0.9	0.81	5.43	
435	"	49	1.5	1.3	1.69	6.27	10.60	1.6	1.3	1.69	6.69	
436	"	55	2.2	1.8	3.24	9.20	29.81	2.2	1.8	3.24	9.20	
437	"	53	1.6	1.4	1.96	6.69	13.11	1.7	1.1	1.21	7.11	
438	"	55	1.9	1.3	1.69	7.94	13.42	1.6	1.3	1.69	6.69	
439	"	56	2.8	2.1	4.41	11.70	51.60	2.5	2.2	4.84	10.45	
441	"	52	2.2	2.1	4.41	9.20	40.57	2.6	1.8	3.24	10.87	
442	"	48	1.9	1.4	1.96	7.94	15.56	1.7	1.3	1.69	7.11	
444	"	45	1.8	1.3	1.69	7.52	12.71	1.9	1.5	2.25	7.94	
445	"	50	1.8	1.5	2.25	7.52	16.92	1.9	1.6	2.56	7.94	

Species UTA STANSBURIANA

Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
446	12/29/67	53	2.6	2.4	5.76	10.87	62.41	2.9	2.4	5.76	12.12	
447	"	44	1.9	1.8	3.24	7.94	25.73	1.9	1.5	2.25	7.94	
448	"	48	2.3	2.0	4.00	9.61	38.44	2.5	1.9	3.61	10.45	
449	"	47	2.5	1.9	3.61	10.45	37.72	2.5	2.1	4.41	10.45	
451	"	42	2.0	1.9	3.61	8.36	30.24	2.1	1.7	2.89	8.78	
452	"	51	2.2	2.0	4.00	9.20	36.80	2.5	2.0	4.00	10.45	



Xantusia henshawi

Xantusia henshawi

Species Xantusia henshawi

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
2	4/23/61	60	3.1	1.4	1.96	12.96	25.40	3.3	1.7	2.89	13.79	39.85
5	"	57	2.2	1.2	1.44	9.20	13.25	3.8	2.1	4.41	11.70	51.60
8	5/20/61	54	3.1	1.9	3.61	12.96	46.79	3.3	1.9	3.61	13.79	49.78
10	5/21/61	58	3.6	1.9	3.61	15.05	54.33	3.4	2.1	4.41	14.21	62.67
11	6/2/61	55	2.0	0.7	.49	8.36	4.10	2.6	0.7	.49	8.36	4.10
16	"	60	3.4	1.3	1.69	14.03	16.95	2.4	1.4	1.96	14.03	19.66
17	"	62	2.6	1.3	1.69	14.57	18.37	2.9	1.0	1.00	12.12	12.12
18	"	60	1.7	0.8	.64	7.11	4.55	1.8	0.7	.49	7.52	3.68
20	"	60	2.6	1.2	1.44	10.87	15.65	2.6	1.1	1.21	10.87	13.15
21	"	62	3.0	1.5	2.25	12.54	28.21	3.6	1.4	1.96	12.54	24.58
22	"	55	1.0	0.4	.16	4.18	0.67	1.2	0.4	.16	5.02	0.80
26	"	62	1.7	0.9	.81	7.11	5.76	1.8	0.9	.81	7.52	6.09
27	"	58	1.1	0.5	.25	4.61	1.15	1.2	0.5	.25	5.02	1.25
28	3/25/62	59	2.2	1.0	1.00	~~9.20~~	9.20	2.4	1.1	1.21	10.03	12.14
33	5/20/62	44	1.3	0.7	0.49	2.93	1.44	1.6	0.7	0.49	6.69	3.28
34	"	50	2.2	1.1	1.21	4.60	5.57	2.2	1.3	1.69	9.20	15.55

Species Xantusia henshawi

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
35	5/20/62	50	2.0	0.9	0.81	8.36	6.77	2.2	1.0	1.00	9.20	9.20

Others

Others

Species Sceloporus clarki

Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
2	3/21/59	94	3.1	2.1	4.41	12.96	57.15	2.6	1.4	3.61	10.87	39.24

Species Sceloporus jarrovi

Tag No	Date of Capture	S-V length (mm)	Left Testis a	Left Testis b	Left Testis b^2	Left Testis 4.18a	Left Testis Vol. (mm^3)	Right Testis a	Right Testis b	Right Testis b^2	Right Testis 4.18a	Right Testis Vol. (mm^3)
4	8/7/59	75	5.0	4.3	18.49	20.90	386.44	4.7	4.3	18.49	19.65	363.33
7	7/25/59	81	4.9	4.4	19.36	20.48	396.49	5.3	4.3	18.49	22.15	409.55
8	8/ /59	84	5.1	4.0	16.00	21.32	341.12	4.8	3.8	14.44	20.06	289.67
(9)	"	78	4.9	4.6	21.16	20.48	433.36	5.3	3.8	14.44	22.15	319.80
10	"	84	4.6	3.8	14.44	19.23	277.68	4.5	3.7	13.69	18.81	252.51
11	"	73	4.0	3.6	12.96	16.72	216.69	4.0	3.2	10.24	16.72	171.21
13	6/19/61	85	3.4	2.8	7.84	14.21	111.41	3.4	2.8	7.84	14.21	111.41

Species Sceloporus undulatus

Tag No	Date of Capture	S-V length (mm)	Left Testis a	b	b^2	4.18a	Vol. (mm^3)	Right Testis a	b	b^2	4.18a	Vol. (mm^3)
6	8/1/59	55	2.5	2.2	4.84	10.45	50.58	2.2	2.2	4.84	9.20	44.53
7	"	50	2.0	1.9	3.61	8.36	30.18	2.0	1.6	2.56	8.36	21.40
8	"	52	2.5	1.9	3.61	10.45	37.72	2.6	2.2	4.84	10.87	52.61
9	"	54	2.7	2.1	4.41	11.29	49.79	2.8	1.8	3.24	11.70	37.91
10	6/19/61	53	1.7	1.3	1.69	7.11	12.01	1.8	1.4	1.96	7.52	14.74

Tag No	Date of Capture	Length (mm)	a	b	b_2	$4.18a$	Vol. (mm^3)	a	b	b_2	$4.18a$	Vol. (mm^3)

Standard
B & P
Blank Books
and
Loose Leaf Devices
TRADE MARK
REGISTERED

E-8-75

FOR DEPOSIT ONLY
ROBERT WELLS
SPECIAL ACCT.
GENERAL CONTRACTOR